

REMARKS

Summary of Examiner Interview of June 3, 2005

Applicants extend their thanks to Examiner Dodds for his consultation during the Examiner Interview of June 3, 2005. During the interview, Applicants and Examiner agreed that Applicants would file a Petition relating to signatures missing from prior-filed Declarations and that Applicants would provide proof of diligence between conception and the priority date of this application for the purpose of establishing an invention date prior to November 22, 1999.

Summary of the Office Action

The Examiner in the Office Action of March 24, 2005, objected to the Oath/Declaration as defective pursuant to 37 CFR 1.52 (c). This issue was addressed during the Examiner Interview, and the Examiner stated the original Oath/Declaration would be acceptable assuming Applicants overcome all of the other outstanding rejections.

The drawings submitted on September 23, 2004 were accepted.

The compact disk submitted on September 23, 2004 was accepted.

The Examiner considered the affidavit submitted on September 23, 2004 under 37 CFR 1.131, but stated the affidavit was ineffective to overcome the Work, (U.S. Patent Application No. 2002/0059201) McCall et al., (U.S. Patent Application No. 2002/0059228) Perell et al., (U.S. Patent No. 6,658,400) and Mikurak (U.S. Patent No. 6,606,744) references. The rejections of each of the pending claims 1-56 were continued pursuant to 35 USC §§ 102 or 103.

Request for Continued Examination

This Reply is being filed concurrently with a Request for Continued Examination (RCE) and the requisite fee. This Reply constitutes the submission required to be included therewith pursuant to 37 C.F.R. § 1.114.

Amendments to the Claims

In this Reply, claims 1, 14, 20-22, 24-53, and 55-57 have been canceled. Claims 1-13, 15-19, and 23 have been amended to depend from claim 58. Therefore, claims 1-13, 15-19, 23, 54, and 58 are currently pending, and claims 54 and 58 are the two pending independent claims.

In the Office Action, the Examiner indicated that the affidavit made pursuant to 37 CFR 1.131 was ineffective because the documents cited to in the affidavit as Exhibit A did not show each of the elements of the claims. Specifically, the documents did not show a "special program designation." Remaining independent claims 54 and 58 do not claim a "special program designation." Applicants submit that each of the elements of the independent claims are now shown by Exhibit A to the Declaration of September 20, 2004. Furthermore, the Supplemental Declaration (discussed below) submitted herewith specifically points out at Paragraph 9 each of the elements of remaining independent claims 54 and 58, and where these elements are found in Exhibit A to the Supplemental Declaration. Exhibit A to the Supplemental Declaration is the same document as Exhibit A to the Declaration of September 20, 2004.

Petition Pursuant to 37 CFR 1.47(b)

Applicants submit herewith a Petition, and the requisite fee, pursuant to 37 CFR 1.47(b) to accept the 37 CFR 1.131 Declarations of September 20, 2004, with less than all of the signatures of the joint inventors. As set forth in the Petition, pursuant to 37 CFR 1.47(b) and MPEP 715.04(D), less than all of the signatures of the joint inventors in conjunction with the signature of the assignee are acceptable for making a § 1.131 declaration.

Supplemental Affidavit Pursuant to 37 CFR 1.131

Applicants submit herewith a Supplemental Declaration pursuant to 37 CFR § 1.131 swearing behind each of the following references.

1. Work, U.S. Patent Application No. 2002/0059201 filed on May 9, 2000;
2. McCall et al., U.S. Patent Application No. 2002/0059228 filed on July 31, 2000;
3. Perell et al., U.S. Patent No. 6,658,400 filed on December 4, 1999; and,
4. Mikurak, U.S. Patent No. 6,606,744 filed on November 22, 1999.

As discussed during the Examiner Interview, this Supplemental Declaration sets out where all of the limitations of the independent claims are shown in the attached Exhibit A. The Supplemental Declaration also provides Exhibits B and C, and supporting statements showing proof of diligence in reducing the invention to practice.

In conjunction with the Declarations of September 20, 2004, made pursuant to 37 CFR § 1.131, Applicants have submitted declarations showing conception and diligence in reducing the invention to practice which predates these cited references.

In Applicants' § 1.131 declarations, Applicants establish conception of the invention prior to November 22, 1999. In addition, Applicants have shown diligence in reducing the invention to practice between November 22, 1999 and August 2, 2000, the filing date of the related provisional patent application (U.S. Serial No. 60/222,689). Applicants respectfully traverse these rejections based on the cited references.

Other references, including Speakman, U.S. Patent No. 5,991,741, and Joao, U.S. Patent No. 6,662,194, were cited under 35 U.S.C. § 103(a) to reject pending claims. Specifically, claims 8, 23, 24, 36, 55, and 56 were rejected. However, both Speakman and Joao were cited as secondary references in combination with both Work and McCall et al. The removal of Work and McCall et al. as prior art references removes the basis for rejecting these claims.

In sum, Applicants respectfully submit that all of the claims are allowable. The declarations of the assignee and joint inventors states that the conception of the claimed invention occurred prior to the effective date of each of the relevant cited references, and that conception was accompanied by due diligence prior to the filing date of those references and until a constructive or actual reduction to practice of at least as early as August 2, 2000. Therefore, Applicants respectfully submit that the relevant cited references are not prior art to the present application. As such, Applicants respectfully request reconsideration of the rejections under §§ 102 and 103, and accordingly request favorable action.

Appl. No. 09/919,594
Attorney Docket No. 5246 P 003
Reply to Office Action of March 24, 2005

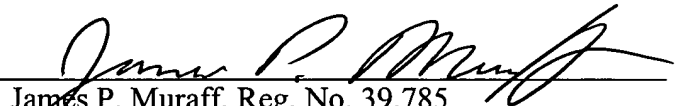
CONCLUSION

In view of these Amendments and Remarks, Applicants respectfully submit that each of the pending claims are patentable over the cited prior art, and are in a condition for allowance. Applicants respectfully request that the Examiner withdraw the rejections to each of the pending claims. In the event that any matter in the present application could be addressed by Examiner's Amendment, the Examiner is urged to contact the undersigned attorney.

Respectfully submitted,

Dated: June 24, 2005

By: _____


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CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service, with first class postage prepaid, in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 24, 2005


Gillian Gardner/227375

Application Architecture Deliverable Approval Cover Sheet

Attached is the Application Architecture Deliverable for the Illinois Skills Match Project. It has been reviewed and approved as satisfying Chicago Systems Group's requirements for this deliverable as described in their proposal.

| | Initials | Date |
|--------------------------------------|-----------|---------|
| Sandy Grepling IDES ISB | <i>SG</i> | 9/27/99 |
| Tom Revane IDES ISB | <i>TR</i> | 9/27/99 |
| Mike Cooney Chicago Systems Group | <i>MC</i> | 9/29/99 |

Application Architecture

Section Contents

1. Application Architecture Overview
2. Web Site Architecture
3. Online Components
4. Batch Components
5. Infrastructure Components

Section 1

Application Architecture Overview

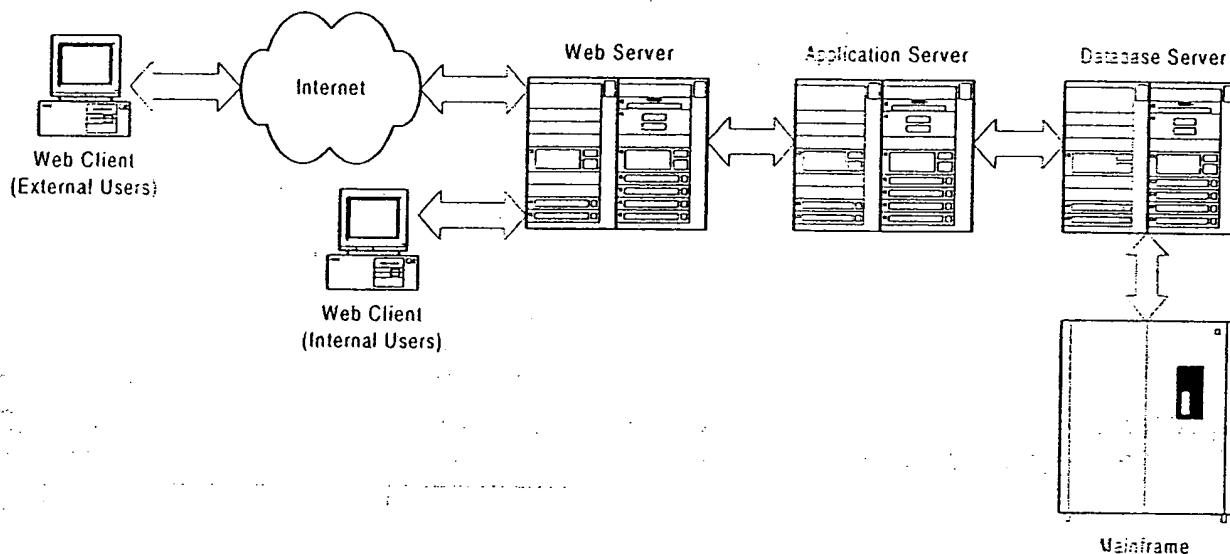
Application Architecture Overview

This document describes the overall organization of the ISM system from the application developer's perspective. The environment in which the application is developed and executed is discussed, along with some high level design approaches, program elements, and specific application component design issues and details.

Execution Environment

Figure 1-1 below diagrams the computer system components and their interaction at a logical level.

Figure 1-1 - Logical Architecture



The web clients access the ISM system by sending and receiving requests and results to a web server. All interactive screens are displayed by formatting an HTML page and delivering it's content to the user's browser. The web server sends requests for dynamic content to a separate application server. This server accesses the database server to retrieve data, assembles an HTML response, and then delivers the page back to the web server. Batch interface programs execute on the database server to transfer data between the ISM database and existing mainframe applications.

Application Components

The ISM application can be broken down into five basic components.

- Web site components
- Online application components
- Batch components
- Reporting components
- Infrastructure Components

Web Site Components

The ISM system is accessed by a web browser. All user interface is handled through the web server by sending HTML to the client and responding to the client's HTTP requests. The web server also holds static content such as image files. In addition to the web server, the application server generates web content. The application server merges data from the database with HTML to generate the final HTML stream that gets delivered to the client browser. This operation is performed by a *Java Server Page (JSP)*. A JSP is a HTML page with special Java programming logic embedded in it.

Application Components

The application logic of the ISM system is primarily implemented using Netscape Application Server (NAS). NAS *Servlets* implement the majority of the business logic. A servlet is a Java program that executes on the NAS server in the context of a user *session*. Every user of the ISM system will enter through a logon process. At the time of logon, the user session will be instantiated. From that point on, each HTTP request from that user that goes to the application servers will execute in the context set up when that user logged on.

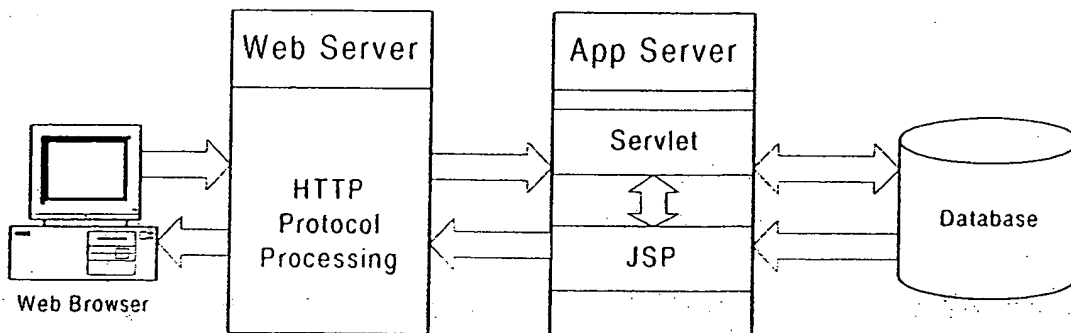
The Servlet accepts data from the web page where the data was entered. Data validation and database processing is then performed. The process continues with the next JSP being called to present the next page.

Another component of the application is stored procedures in the DB2 database server.

On the client side, some application logic and special user interface presentation mechanics are handled by JavaScript.

The flow of information between the web and application components is shown in figure 1-2.

Figure 1-2 - Data Flow Overview



Batch Components

Some of the functions performed by the ISM system run at regular intervals and are scheduled to run in batch mode. These functions are primarily in the area of interfaces to existing mainframe systems. The programs run on the database server.

All batch jobs are Korn shell scripts. Inside the script is the execution of Korn shell commands, Perl Scripts, and COBOL programs, which often make use of stored procedures in the database.

Reporting Components

Standard reports are available from the ISM system to support the various offices. These are typically monthly reports that will be delivered either electronically or manually depending on the capabilities of

the individual office. These reports are run in batch mode on the database server.

Infrastructure Components

Functions that are outside of the business logic category, but that form a foundation for the inner workings of the system are classified as infrastructure components. These functions are responsible for such things as implementing the security system, error reporting and recovery, and other basic capabilities in the application that are shared amongst the other components. The infrastructure components for ISM are implemented through the base *object model* in Java, and *extension* modules that enhance the capabilities of NAS and the base operating system.

Programming Tools and Environments

This section describes the programming languages and development tools used. Both the development and deployment environment are addressed.

Web Page Development

The creation of static web pages and the HTML templates for use by NAS is performed on the developer's Windows NT workstation using the following products:

- MacroMedia Dreamweaver
- Allaire HomeSite
- NetObjects ScriptBuilder

Static web pages are deployed to the Netscape Enterprise Server (NES) web server. HTML to be used in JSPs are deployed to the NAS server.

Application Logic Development

The application logic is comprised of the program modules that support the online web application and the batch functions.

Web Site Logic

The web site application logic is developed using Netscape Application Builder (NAB). NAB is used to create the JSPs and Servlets. Both of these components contain Java code to implement the application logic. Symantec Visual Café is used to develop the Java modules. It provides more features than NAB to make Java development more efficient.

Development using these products is performed on the Windows NT workstation. Deployment is to the NAS servers.

Extensions

NAS and other extensions are developed in Microsoft Visual C++. Deployment is on the NAS server. Once developed, the source code is moved to the NAS server and re-compiled and an installation is performed to connect the Extension to the NAS server.

Stored Procedures

IBM DB2 Universal Database Extended Enterprise Edition (UDB EEE) serves as the database repository for the ISM system. UDB EEE comes packaged with DB2 Stored Procedure Builder. This product assists in the development and testing of stored procedures. It can also be used to deploy the stored procedure to the database server. Deployment can also be done with a traditional "CREATE PROCEDURE" statement using an interactive SQL session with the database.

Batch Programs

The batch programs create datasets for upload to the mainframe, and process datasets created on the mainframe for processing into the database. These batch programs are Korn Shell scripts that execute Perl and COBOL programs. Perl is developed using a standard text editor. Merant Microfocus COBOL is the tool used to develop COBOL programs. Development is performed on the Windows NT workstation. Deployment is to the database server.

Site Architecture

Web Site A

Section 2

Web Site Architecture

initial home page identifies the user type and requests a username and password. At this point, secure sockets layer (SSL) is used for transmitting this information to the web server. At this point, a number of evaluations are performed on the client browser. Once the browser capabilities and the user have been authenticated, an appropriate opening menu page is displayed depending on the user type.

Menu Pages

Menu pages are displayed as appropriate for the type of user. A menu page is very straightforward. It contains no input controls, but just links to other pages in the system. Some conditional processing is performed to show or hide specific menu options based on the user's permissions. These decisions are made when the page is constructed on the application server.

Search Pages

Search pages accept search criteria, and then execute a database search for data with matching criteria. After the search completes, a list page is built showing the results if one or more matching records is found. If no matching records are found, the search page is redisplayed with an error message.

List Pages

These pages list several rows of information from the database. This is typically a result set from a database search. Each result record is a link that can be used to present the detail page for that data row. Optionally, each line in the list may also contain a checkbox that can be used to select a subset of records. The selected set of records can span multiple list pages.

Initially, the result set is divided up into pages. If the result set requires more than one page of list information, navigation buttons will be available to proceed to the next or previous page as necessary.

When a user selects a detail record, and then returns to the list view, the user will return to the same list page that contained the detail record most recently viewed.

Other activity in the ISM system may introduce or eliminate records from the user's result set. However, once the list is generated, it remains static until the user requests for the information to be refreshed. When necessary, some processes force a refresh to occur.

Detail Pages

When complete detail on a record of information is requested, a detail page is presented. If a user requested the detail from a list page, then options on the detail page will exist to move through the list in detail view and an option to return to list view will be in place. If a subset of records was defined on the list page, then that subset defines the context of what the next/previous navigation will present to the user.

In simpler cases, detail pages are displayed from other non-list pages, or used for data entry purposes.

General Web Page Issues

Caching of Pages

In general, the dynamic nature of the ISM web pages makes it unlikely that the caching features of proxy servers and cache servers would be of any help to the performance of the system. In addition, cached pages may erroneously be sent to a client containing stale data. To disable caching, each page contains a pragma statement to turn caching off for proxies and cache servers.

Caching on the browser should be turned on. This enables certain functions to be performed from the client side using history to go back to previous pages.

Page Organization and Flow

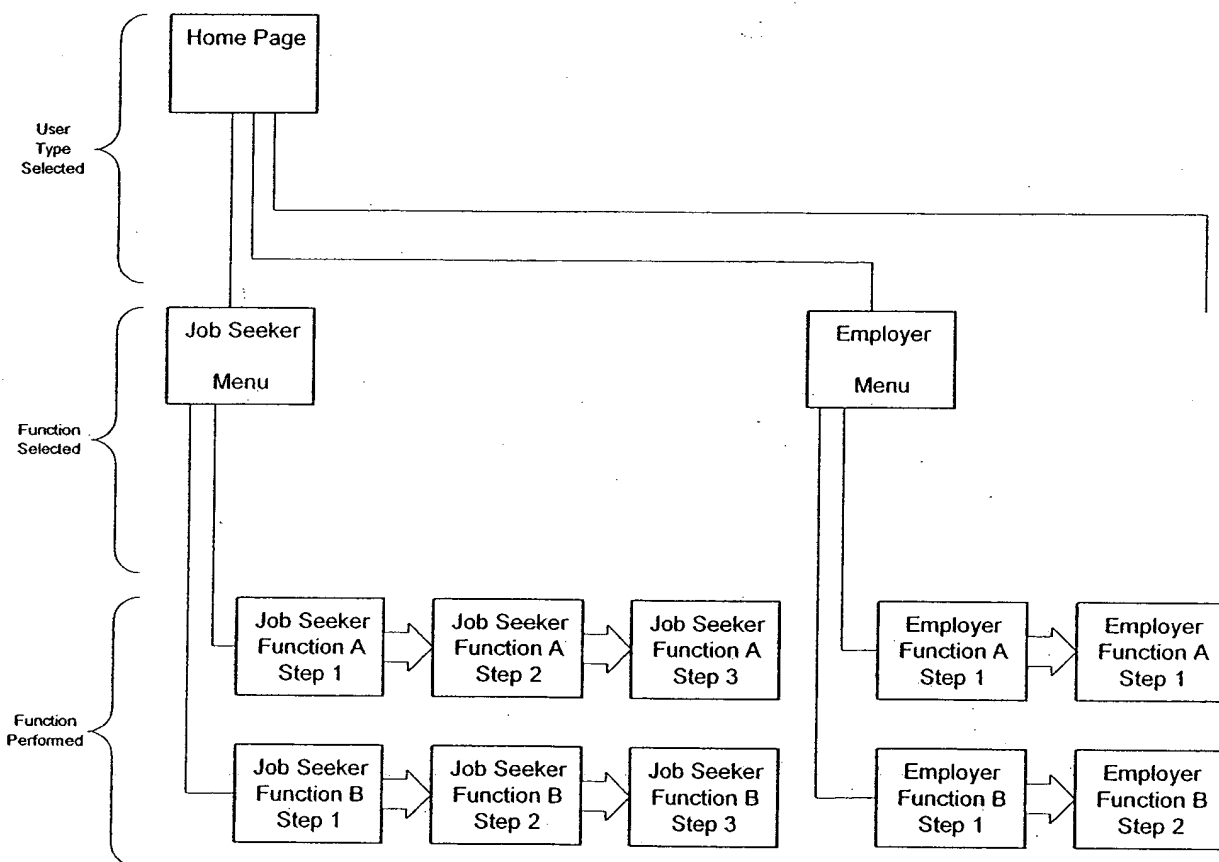
Web Site Architecture

This section describes the web site issues and architecture of the ISM system. These issues include general web site organization, page layouts, page flow, interface mechanics, how the pages perform various tasks, and browser issues.

General Organization

Figure 2-1 illustrates the general organization of web pages in the ISM web site.

Figure 2-1 - General Organization



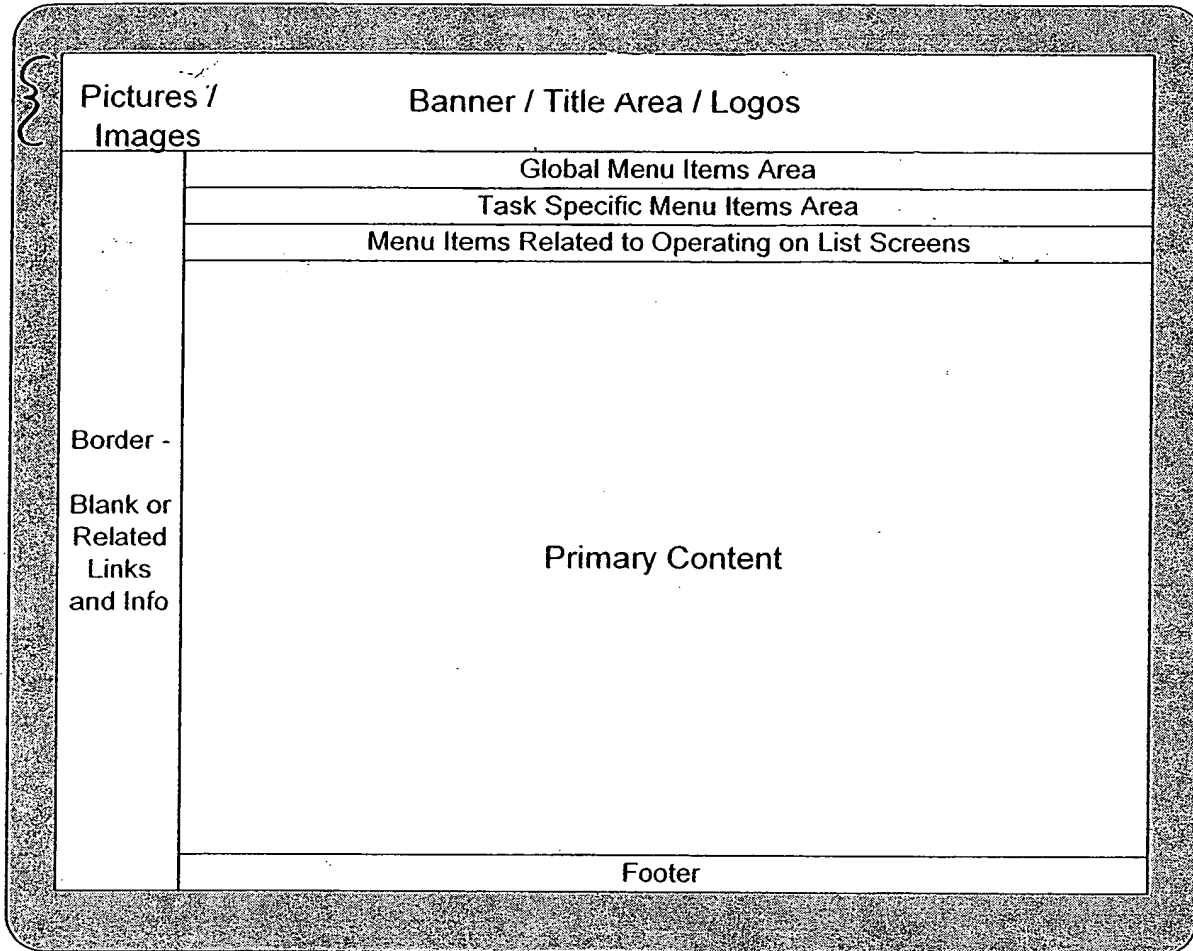
At the top level, there is a main page. On that page, the user makes a choice to indicate what type of user they are, and must enter a valid username and password, or go through a registration process. Categories of users are job seeker, employer, staff, and administrator. Once the user type is identified and their username and password is authenticated, a customized menu of function options is available on the screen. Once a function is selected, either a single page, or a series of pages will be presented to complete whatever process steps need to be performed.

Look and Feel

General Look and Feel

An extensive web site prototype has been developed for the ISM system. The prototype defines the specific layout of the page, and the look and feel of the web site. The position of controls, and graphical elements is used as a model for the final product. Figure 2-2 provides a general layout description of a standard web page.

Figure 2-2 - Standard Page Layout



The top banner portion provides a title and logos. The upper left box contains various graphics, such as a picture of the Governor, etc. A horizontal strip of global controls is always displayed below the top banner. When applicable, a horizontal strip of controls that are specific to the current page appears below the global control strip. If the page is a list page, a third strip of menu options is available directly below the task specific menu. The main body of the page with the primary content follows that. The body is where data elements and input/output is performed. A vertical strip of controls runs along the left hand side, providing an additional set of the global controls. Other links are provided there as well when appropriate to the user type and the function they are performing.

Specific Page Types

The pages in the ISM web site can be broken down into five basic categories: the home/logon page, menu pages, search pages, list pages, and detail pages.

Login Page

The home/login page is in its own category due to some rather complex processing requirements. The

Navigation Map

Figures 2-3 and 2-4 show the web site navigation map. They identify key sections of the web site and potential navigation paths between them. Figure 2-3 shows the majority of the overall web site. Figure 2-4 shows the details of the "skill picker" function. For the purposes of clarity, global navigation options are not included.

Figure 2-3 - Navigation Map

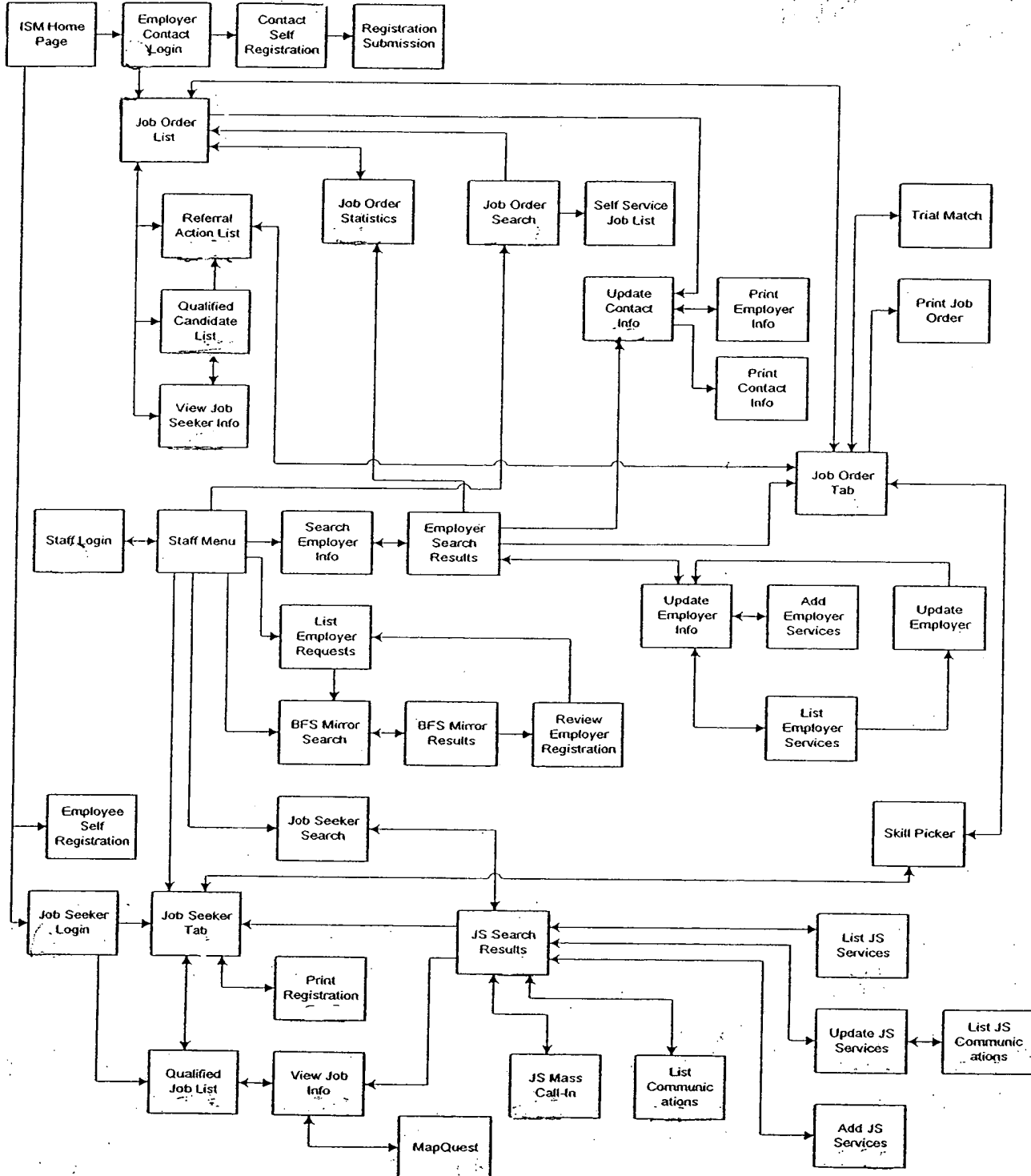
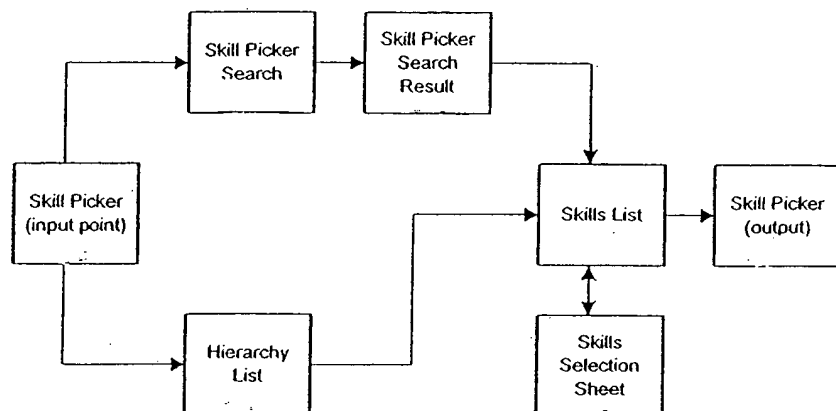


Figure 2-4 - Skill Picker Detail



Global Navigation

Regardless of the user's location in the ISM system, there are global navigation options that allow the user to quickly access major functions, such as the user's main menu and logging off of the system.

Logon, Sessions, and Security Issues

Logging On

In order to implement security, and to support the NAS session architecture, all users of the ISM system must identify themselves to the system by logging on. Employers and job seekers go through a self-service registration process the first time they enter the system. Staff users are set up by ISM administrative staff. Staff users are assigned to various groups in order to implement the security architecture for the application.

Session Setup

When the logon page is submitted, a session is created on NAS. In order for NAS to be able to identify what client session is making requests to it, a cookie holding the session ID is sent to the client. Subsequent requests from the client browser always include the cookie.

Security Issues

Security is provided on the transmission of sensitive information through the use of secure sockets layer (SSL). HTTP browser transmissions using SSL, commonly referred to as HTTPS, protects the data contents through encryption. This technique is used for HTTP transmissions where either the request or response contain sensitive information.

Browser Issues

Required Features

In order to support the complex requirements of the ISM application, several advanced browser features are required. Some features are not available in older browsers. Most can be turned off by the user. The home page of the ISM system evaluates the user's browser for version and features. If the browser

is found to be lacking some of the requirements, the user is notified of what is required and how to gain access to those features. Refer to the ISM *Technical Architecture* document for full details on browser requirements.

New Browser Window Launch

Once the user has logged in, or in any other way proceeds off of the home page (i.e. job seeker registration), a new browser window is opened. In the new window, the browser's tool bar and menu bar are disabled. This reduces the likelihood that the user would attempt to perform navigation that would upset the flow of transactions in the system and offers some additional screen space to use.

Client Side Programming

Tools exist for writing program logic into the web page for execution at the browser. This is done in a very limited way using JavaScript on the pages of the ISM system. Simple checks, such as the existence of data in a required field and basic data format compliance make use of this technique. JavaScript is also used to implement some of the more complex user interface elements. Extensive data validation and business logic, however, is performed entirely on the application server. This provides for a more straightforward design and a focal point for maintenance and testing.

Section 3

Online Components

Online Components

This section presents the structure of the online portion of the ISM application. General topics in this section include the mechanics of presenting the user interface, screen types, database access, input validation, error handling, and security. Issues related to specific sections of the application are discussed in detail, where important design decisions have been made.

General Mechanics and Approaches

This section presents some rather broad topics and general approaches to implementing the online system.

Screen Generation

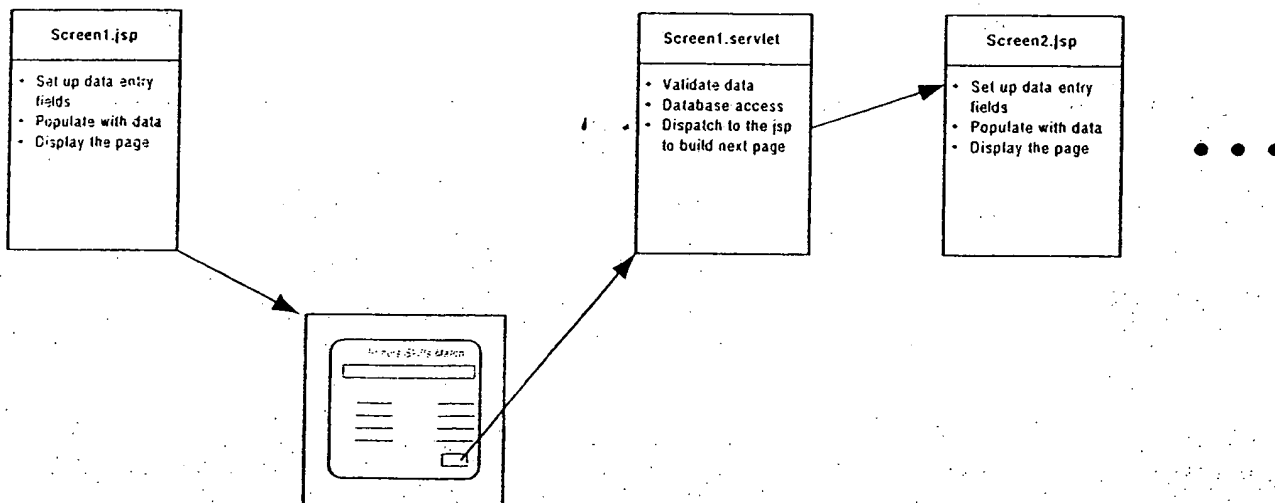
The mechanics of generating a screen begins with the user's browser request. These requests are always sent to one of the ISM web servers. If the request is for a static HTML page or other static content such as an image, the web server handles the request by itself. In the ISM system, the only static HTML page is the login page. The rest of the page requests are references to Servlets. In these cases, the requests are forwarded from the web server to the application server that is best suited to handle that request at that time. The best suited server is determined through load balancing information that flows between the application servers, and from the application servers to the web servers.

The normal processing of an online screen typically involves several steps:

1. Build the screen with input fields and any other controls
2. Process the input values, perform validation and database access.
3. Provide a response. Typically, this would be an error message or the presentation of the next screen in the process.

Programmatically, these functions are split into separate modules. The building of the screen is performed by a Java Server Page (JSP) for that screen. When the page is submitted for processing by the user, a Java Servlet is called. After processing the information, the Servlet chains to the next JSP. Figure 3-1 illustrates this process.

Figure 3-1 - Screen Generation



Java Servlets

With the exception of the home and login pages, all pages in the ISM system are references to Servlets. The Servlet responds to the form submitted to it, and then dispatches a JSP to build the next screen.

Java Server Pages (JSPs)

Java Server Pages are used to build the HTML response page back to the user after business logic processing has been completed by the Servlet. JSPs contain HTML and some Java code to retrieve information from the database, do security checking, etc.

To facilitate code re-use and a modular design approach, some JSP templates master templates have been created to serve as a starting point for all JSPs used in ISM. These templates contain some header and footer information as well as standard JavaScript functions needed by all web pages in the system.

Database Access

The database management system (DBMS) for the ISM system is IBM DB2 Universal Database - Extended Enterprise Edition. At a high level, ISM is a web based application system that's focal point is a database containing job postings, skills, applicants, and employers. The Java components that drive the web page creation get much of their content from the DBMS. In order to make the DBMS access efficient, consistent and modular, the majority of database access will be performed through stored procedures. The use of stored procedures also provides a means to enforce business logic rules. In the case of very simple selects from the database, queries are used directly instead of stored procedures.

Connecting to the Database

A database connection is made initially at the time of login to validate the user and establish his identity as a job seeker, employer, or ISM staff. After establishing that, a virtual connection is made to the database using a generic username that corresponds to the user type. NAS holds a pool of sessions open to the database running under these generic usernames and matches the request for a connection to one of these.

Stored Procedure Creation

Stored procedures in DB2 are written in Java. DB2 provides a tool to generate a suitable Java wrapper around the actual stored procedure SQL code. DB2 Class libraries are provided to gain access to the DBMS.

Calling Stored Procedures from Servlets and JSPs

Stored procedures are called from within Servlets and JSPs using the Java Database Connectivity (JDBC) API. NAS supplies the engine that accepts these JDBC calls and passes them to the database server.

Partitioned Database Cluster Issues

ISM is making use of a multi-server database cluster. DB2 allows for the partitioning of data in a single database amongst multiple servers. The ISM database is partitioned in such a way that most employer data resides on one server, and job seeker data resides on the other server. This improves performance by facilitating parallel database activities.

Validating Input Data

Typically, after a user is done entering data onto a web page form, some button click or other control function is performed by the user. At this point, validation of data is performed. The ISM system performs validation and enforcement of business logic at three different levels:

1. On the input form web page itself
2. At the application server
3. At the database

Validation on the Web Page

Very little validation will be done on the web page itself. The only validation done here is to make very simple checks for data type and format correctness and required fields. Doing this type of simple validation at the web page level improves performance by avoiding going to the application server with data that is obviously incomplete or incorrect. These validation checks are implemented with JavaScript. Form submission to the Servlet is blocked until these validations are passed.

Validation at the Application Server

Entered data is passed to an Servlet when the user performs some action that causes the page to be submitted. At this point, the Servlet is responsible for a complete validation of all data as well as any other processing. Validations that were done at the web page are repeated in the Servlet or JSP to guard against malformed or insidious transmissions. All individual data items and referential integrity checks should be performed by the Servlet prior to submitting any data update requests to the database.

Validation at the Database Server

The database server stored procedures, triggers, referential integrity, and key constraints enforce database integrity. However, by the time a simple data add or update request is made to the database by the Servlet, it is expected that the Servlet has thoroughly verified the integrity and should be without errors. In these cases, logic in the stored procedure need only return success or failure to the Servlet. In other cases, the logic of the stored procedure is more elaborate and needs to return more detailed status information.

Error Handling

When errors occur in the application, they may need to be logged and/or reported to the user. If they are severe in nature, an administrator or other system support personnel must be notified. An infrastructure has been built into the ISM system to provide a central error delivery mechanism. It provides the ability to report simple errors, such as displaying messages on the web page form, as well as escalating errors to the point of sending Email, delivering SNMP traps, and sending alphanumeric pages.

Errors to be reported fall into several categories. The delivery of appropriate error messages to the appropriate destinations must be initiated by the module that traps the error. This could occur on the web page, in the application server, or at the database server.

Displaying Errors on the Web Page

Errors are tracked and stored using cookies on the client computer. Whenever an error message needs to be displayed, the error is recorded in a cookie. When the page is rendered, the cookie(s) is/are read by another JavaScript module and displayed on the page. The key to this mechanism working, is forcing the page to be re-rendered from various points of execution.

Some simple validations are performed on the client computer using JavaScript embedded on the web

page. Standard error message handling JavaScript routines are available on any page to record the error. Once errors are recorded, they can be displayed by making appropriate function calls.

When errors are detected by a Servlet on the application server, the ISM error handler is called. Messages are delivered back to the client computer by sending cookie(s) in the response header, along with a request to go back to the previous page.

Severe Error Logging and Reporting

When severe errors occur, the NAS error handling extension is used to handle them. Again, these errors could be triggered either at the browser, the application server, or the database server.

When errors occur that are severe in nature on the web page, a JavaScript function is available to invoke the error handling Servlet on the NAS server for severe error notification. This JavaScript function is part of the standard master templates. If a severe error should occur in the application server's code execution, the methods available from the error handler are called directly.

Some database severe errors are returned to the Servlet and reported on from there. Others that may occur independent of any specific request are reported through normal DB2 alerts provided for within the DB2 infrastructure.

Security Handling

There are several elements in the ISM system that will have limited access. This includes seeing certain screen elements on pages, seeing entire pages, and performing certain actions on pages. To facilitate these requirements, a security infrastructure has been put into place via a NAS extension. This extension provides an easy interface to security information about the current user and what his permission levels are to perform actions or see items.

Users and Groups

A simple user/group/permission arrangement is used in the ISM system. Permissions are granted; there is no facility to specifically deny access to something. Permissions items are defined for anything that needs protection. Any group or user may be granted a permission. Users may belong to more than one group. Groups may belong to one or more groups. If the specific user, or any group he belongs to has the permission granted, then access is allowed.

Checking Access Rights

Permission items are defined and checked for in the JSP and Servlet to decide if the user should be shown items in the template, or allowed to access functions. Another technique used from the JSP or Servlet is to choose between various web pages based on user permissions. Raw navigational issues are handled by the base object infrastructure. Permissions are maintained that list valid from-to combinations of pages and page permissions.

Database Users

The DBMS has its own security infrastructure. To provide an extra layer of protection to the data, several different users are defined with varying access rights to the data itself. At the time the database connection is made, the user is identified and mapped to an appropriate database user according to the level of access allowed.

Online Application Organization

This section addresses the specific sections of the online system. Application logic elements and implementation approaches are discussed.

The ISM system can be broken down into four sections:

1. Job seeker functions
2. Employer functions
3. ISM Staff functions
4. Administration functions

The sections that follow deal with each of these functional subsystems and any specific design issues and approaches taken within them. A general description of application flow is also provided. These following sections address major functional areas of the system. It is not intended to be an exhaustive inventory of all screens and functions.

Job Seeker Functions

Registration

A job seeker begins his experience with the ISM system by registering. Only registered users with a username and password can use the system. Registration is a simple sequence of forms. After registration is completed, the user can logon to the system.

Skills Profile Entry

A series of forms is available to walk through the predefined skills and add them to the user's profile. The user chooses skills and assigns proficiency or experience levels to them. Extensive searching is available to choose skills related to various job titles. This functionality is also available in the employer section to define the required skills for a job order.

Skill Matching

Once a job seeker has filled in his skills profile, the skills matching function can be performed. This is the heart of the ISM system. Available job orders are compared with the user and a list of matching job opportunities is presented. Links to the detailed job information is then available. A link to MapQuest(r) is also provided for driving directions.

Employer Functions

Registration

Employers must be registered prior to posting any job orders into the system. Once the employer goes through the online registration, job order worksheets can be prepared. However, these job orders cannot be posted to the system until an IDES staff member has reviewed the registration to validate the legitimacy of the entity.

Job Order Functions

Job orders are the key element for employers. Job openings are described in detail and entered into the system. Skills and proficiency/experience levels are assigned to the job order. After a job order is completed, a trial match can be performed. This function allows the employer to get a feel for how many qualified candidates exist in the ISM database. Modifications can then be performed prior to the actual

posting of the job order. Once posted, a match is performed and a list of qualified candidates is generated in the database. The next time a qualified candidate logs onto the system, that new job will appear in their list of qualified jobs.

Qualified Candidates

Once qualified candidates have been identified through the matching process, the employer can perform actions to view the job seeker information and make referrals.

Referral Actions

The referral actions are what triggers notifying the job seeker of a match in skills between them and a job order. Notifications are queued and processed in batch mode. Possible notification methods are an email, automated phone notification, or a letter.

Staff Functions

The staff menu is presented when a IDES staff user logs on. The staff menu contains links to every function available to the job seeker and the employer. Additional functions available to staff are described in the sections below.

Employer Registration Requests

Employers can be registered by IDES staff, or employers can submit their own registration requests. Once the request has been made, IDES staff review the validity of the company and then make the employer's registration active.

Search Employer Info

Search screens allow the staff member to look up company information and edit their contact and any other information as needed. Employer information can also be printed.

Job Order Search

A job order search screen provides staff members with a method to search for and edit a specific job order. Job order information can also be printed.

Administration Functions

Administrative screens are used to maintain the various basic data of the system such as skills definitions, staff users, security settings, and other table maintenance.

Section 4

Batch Components

Batch Components

This section presents the structure of the batch portion of the ISM application. Batch programs implement interfaces between the ISM system and legacy systems. Batch programs are also used to satisfy regular report generation requirements. General topics in this section include Unix batch execution environment, program elements, checkpoint/restart, and data transfer between the ISM Unix environment and the CMS IBM mainframe environment. Some specific batch program implementation details are also presented.

General Mechanics and Approaches

This section presents general topics and approaches to implementing the batch system for ISM.

Execution Environment

The batch programs for the ISM system are executed on one of the database servers. The second database server is available as a backup in the event that the primary batch processing database server is unavailable. Batch job execution is controlled by OSM COSbatch batch scheduling software. Batch jobs are registered in COSbatch for processing either at specific times, or on some other event, such as the existence of a data file or successful completion of another batch job.

Program Elements

Shell Scripts

The batch programs for the ISM system run in a Unix environment. In Unix, batch jobs can be either a single executable program, or a shell script. A shell is simply a term for the command line interface to the operating system. Several different shell programs are available in the Unix environment. Examples of these are Bourne, Korn, C, and Bash. ISM Batch jobs are written as Korn shell scripts. Korn shell is the most common and popular Unix shell. Within the Korn shell script, individual programs can be executed, environment variables can be used, and basic control structure constructs are available. Return codes from programs can be checked within the script. Return codes from the script can be checked by COSbatch.

COBOL Programs

The core processing of the batch programs will be written in Microfocus COBOL. COBOL is the best suited tool for database access and file processing to and from the mainframe.

Checkpoint/Restart

Two of the most important design features of ISM batch jobs is their ability to be restartable and their use of checkpoints. Many of the programs in ISM will be dealing with large amounts of data. If for some reason the job is interrupted, the ability to restart the job and have it resume processing where it left off saves valuable processing time and reduces performance impact on the system. From an operational standpoint, this approach offers simplicity. Any program can be terminated and restarted without the need for a lengthy manual rollback process.

The Batch Control Table

Central to the checkpoint/restart infrastructure is a batch control table that contains key information about the execution parameters and status of the job. Information contained here includes input/output file name(s), the current status of the job, and an indicator of where in the file the last checkpoint

occurred. There is also a checkpoint governor stored in the table that indicates the number of records to be processed in between checkpoints. This allows for some tuning of resource utilization. This technique limits the number of database locks and the length of time that records stay locked. The checkpoint value is read at the end of each checkpoint interval so that the parameter can be set dynamically.

File Transfer

Many batch programs in the ISM system either generate a data file for the mainframe from data contained in ISM, or read a file created on the mainframe and post the information into the ISM database.

The mechanics of sending and receiving files between the ISM batch server system and the IBM mainframe will consist of dropping files off and reading them from a specific location on the IDES network. The specific mechanism of transfer and location have not yet been defined. Most likely, the transfer mechanism will be FTP or an NFS mounted volume that can be accessed directly. The intention is to avoid manual intervention in all file transfers for ISM. Files should be dropped off and picked up by the programs automatically with no human intervention.

Batch Components

Architecture

Section 5

Infrastructure Components

Infrastructure Components

This section presents the infrastructure upon which the ISM system is built. The ISM infrastructure can be defined as those components that provide core services to the rest of the application components. Much of the infrastructure centers around Netscape Application Server. A discussion of NAS architecture, as well as other components and how they interact is discussed. The use of application development languages is also addressed.

NAS Architecture Overview

This section provides an overview of the components and features of the server and application architecture of the Netscape Application Server (NAS). The purpose is to provide basic background information to aid in understanding the ISM Application framework and the context in which it operates.

Background

This section assumes that the reader has a basic background in general Internet, web, and web application technologies. If this is not the case then the reader may wish to read the "Technology Background" section.

Introduction

The Netscape Application Server (NAS) is an application server product currently developed and marketed by Netscape Communications Corporation.

NAS offers a stable and scalable environment on which to develop and deploy robust and complex transaction based web applications.

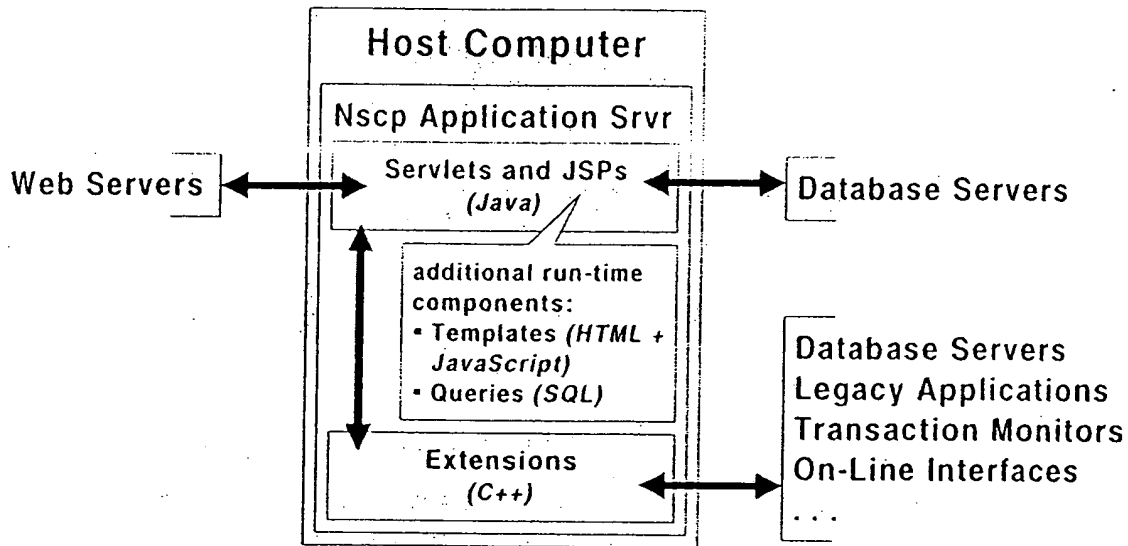
Components

NAS based applications consist of off-the-shelf NAS servers to provide the core services and custom built application components to implement the application's specific business logic requirements. The custom built application logic components that execute on the server side consist of Java Servlets, Java Server Pages (Java imbedded in an HTML document), and application server extensions written in Java and C++.

As requests are received from the web user, via the web server, a specific Servlet is invoked to handle that request. The Servlet can access external resources such as databases. After processing is completed, a Servlet will typically either respond with an HTML stream back to the client, dispatch control to a Java Server Page (JSP), or a combination of the two. The Servlet or JSP can also use the services provided by the Extensions. The NAS Extensions function much like assembler exit routines on main frame applications. These extensions extend the core capabilities of the base NAS product to provide such functionality as persistent connections to back-end legacy applications, integration with transaction monitors, integration with third party packages, etc.

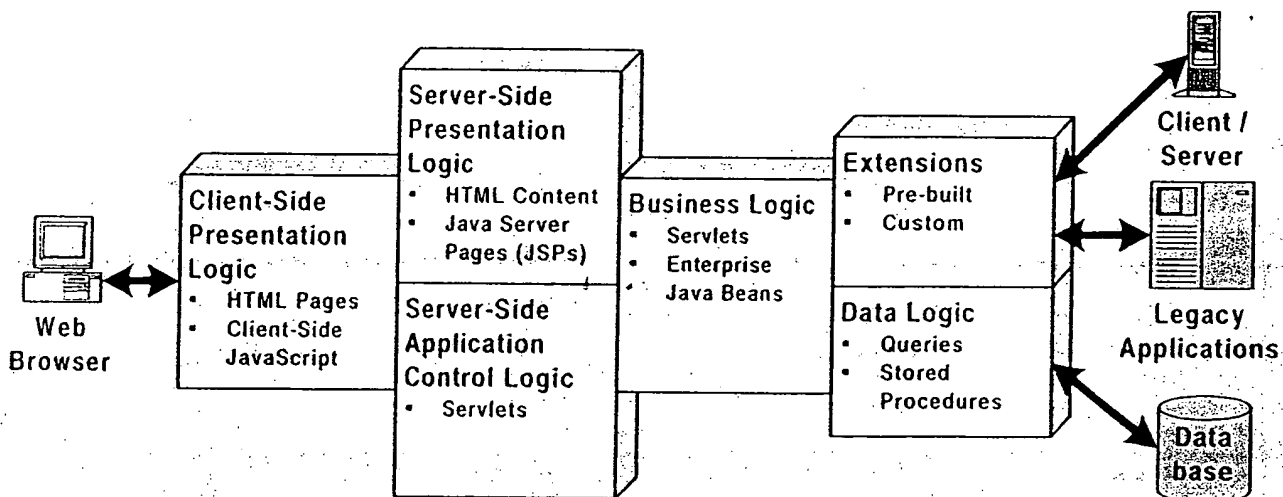
Figure 5-1 illustrates at a high-level how the Servlets, JSPs and Extensions work within a NAS server and the points of interaction with the web server, database servers, and other external services.

Figure 5-1 NAS Server Components



Structuring the NAS application architecture to use separate components for static pages, dynamic page templates, query files, and executable logic provides a multi-tier application model. A great deal of flexibility is available in matching the best module type to the application module's task. The advantages of this scheme are that the application components are separated into manageable pieces according to the skills required to prepare them and by the functions that they perform. This also allows for greater re-use of components, simpler testing, and modular deployment. This supports a higher quality development result and minimizes the impact on system availability when deploying ISM application software upgrades. Figure 5-2 illustrates the tiers of a web application and which NAS and other components address which tier.

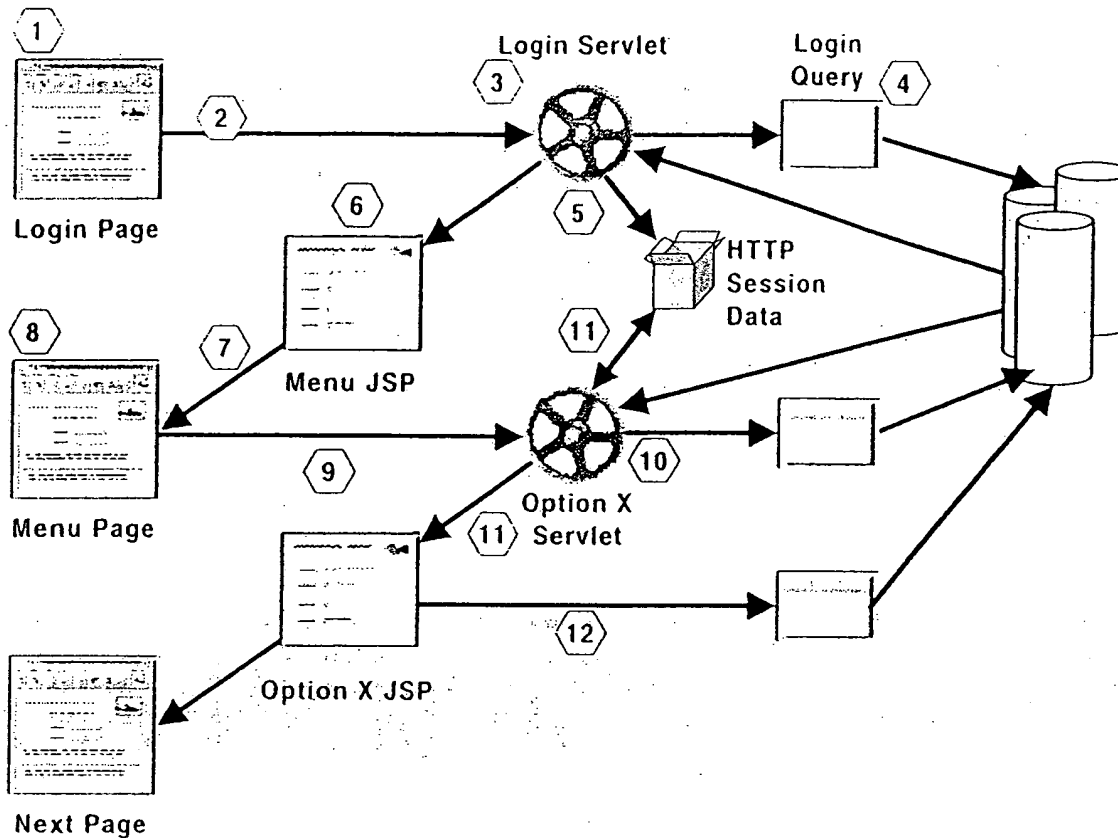
Figure 5-2 - Web Application Tiers



Request Flow

Figure 5-3 flow of a NAS based application.

Figure 5-3 - NAS Application Flow



1. Within a web browser, a user is viewing the "Login" page containing a data entry form. The user enters their user name and password and clicks on the "Login" button.
2. The request, containing the values entered onto the web form, is sent through the web server to the application server.
3. The application server receives the request and runs the "Login" Servlet.
4. The Servlet retrieves the user's user name and password from the incoming parameters and uses the "Login" query to perform a search within the database to verify those credentials and to retrieve information about this user.
5. Once the credentials have been verified, the Servlet generates a new session identifier and creates a new container (HTTP session object) to hold information pertaining to this user such as the user's user name.
6. The Servlet then dispatches to the Menu JSP to generate a menu page customized for that user.
7. As the resulting page is created it is sent back to the web browser via the web server. Note that the new session identifier is also sent to the web browser via an HTTP cookie.
8. The "Menu" page is received and rendered by the browser. The user can then click on any of the options (links and forms) on that page.
9. When the user clicks on an option a new request is sent through the web server to the application server. Note that the web browser also sends the session identifier via an HTTP cookie.
10. The application server receives the request and runs the appropriate Servlet.

11. The Servlet retrieves all of the incoming parameters, including the session identifier. The Servlet can then use that session identifier to access the existing HTTP session "object" for that user and modify the information contained within it. The Servlet performs any necessary data access and dispatches to the appropriate JSP to prepare the next page for the user.
12. Optionally, the JSP can make necessary calls to database to retrieve additional data.

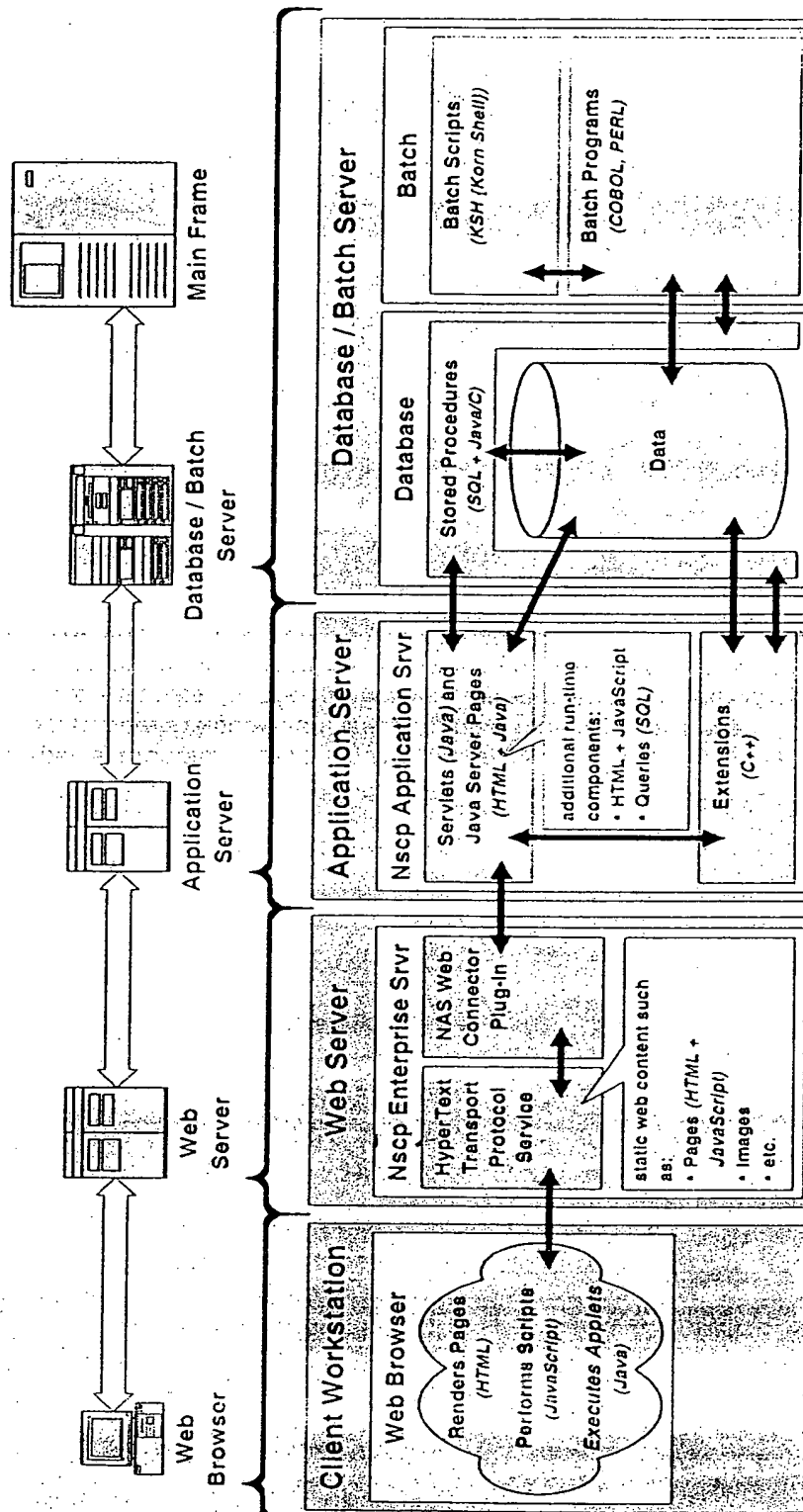
Product Suite

The NAS product offerings include...

- Netscape Application Server (NAS) - a full-featured application server offering high performance, a high degree of fault tolerance and failure recovery, sophisticated session tracking, and dynamic statistics-based load balancing.
- Netscape Application Builder (NAB) - a graphical integrated development environment (IDE) for developing NAS application components for responding to page requests. These components include Java Servlets, SQL query modules, and JSPs. NAB facilitates building robust and fault tolerant applications to be deployed to a cluster of NAS servers.
- Netscape Extension Builder (NEB) - a graphical integrated development environment (IDE) for developing and deploying NAS extensions for providing additional core services to a NAS server.

Component Overview Diagram

The ISM system consists of several components including host computers, operating systems, off-the-shelf application software, and custom designed software. The Component Overview Diagram illustrates these components.



Component Definition

Platforms

The ISM system employs multiple physical tiers: web client, web server, application server, database server, and database server. Each of these platforms provides specific services.

Web Client (web browser)

The web client functions as the end-user interface for employer, applicant, and staff users. The web client presents a screen (web page) to the user and allows the user to interact with that screen - entering and changing data and activating controls such as submission buttons. The types of content to be handled by the web browser will be HTML documents with embedded images and JavaScript. The JavaScript provides for dynamic interaction with the web page within the web browser. The use of a web browser provides an open standards based interface and communication mechanism for interacting with the ISM system - those standards being HTML, JavaScript, and HTTP. The use of a web browser also eliminates the need for maintenance and distribution of specialized application client software.

Internet

The communications network connecting the clients to the servers will be the IDES private intranet and the public Internet. The use of the public Internet assures broad accessibility of the ISM system by the potential employer and applicant users as well as IETC partner staff users.

Web Server

The web server receives and responds to all requests from the web clients. Requests for static (fixed, not dynamically generated) content are handled by the web server directly. Requests for dynamically generated screens - screens containing information residing in the ISM database - will be forwarded to the application server. The use of a web server provides an open standards based communication mechanism to the ISM system from the client systems - that standard being the HTTP protocol.

Application Server

The application server consists of off-the-shelf application server software and custom built application components. The application server provides the basic services for a high-volume, fault-tolerant, transaction based application and provides the environment in which the custom built application components run. The application components consist of application logic written in Java (Java Servlets), output templates written in HTML and Java (Java Server Pages) and possibly containing embedded JavaScript, query definitions written in SQL, and application server extensions written in C++.

Database Server

The database server will consist of off-the-shelf data base server software and custom built stored procedures. The stored procedures will be written in SQL for the data manipulation and either Java, C, or COBOL for the application logic and flow scripting around the SQL.

Batch Server

The batch server will be co-located on a single computer platform with the database server. The batch server will execute batch business processing - not directly interacting with an end user. The batch processing will be written using ksh (Korn Shell command language scripting), COBOL, and PERL.

Programming Languages Used for ISM

The custom built application components of the ISM system will be built using several different languages. These languages are all based on open standards and are supported by a large talent pool within the computer industry at large in the U.S.A. Each language has specific strengths and shortcomings and are chosen for specific uses based on those features and based on the support for those languages within the different platform components of the ISM system. The remainder of this section describes these programming languages.

A table outlining what these components will be used for and where they will reside and execute follows this section.

Programming Language Definitions

Java

Java is an open standards based language created and overseen by Sun Microsystems. According to Sun, Java is a "simple, object-oriented, distributed, interpreted, robust, secure, architecture neutral, portable, high performance, multithreaded, and dynamic language." The Java language has been ported to every major computer platform including Sun Solaris, Microsoft Windows 3.x/95/98/NT, Macintosh OS, and every major UNIX implementation. One of the design goals of the Java language is that programs written in Java on one platform will run correctly on all other platforms that support Java without re-writing or re-compiling that program. Normally, the goals of portability and speed of execution are mutually exclusive: achieving speed is usually accomplished by compiling the program to low level instructions directly executable by the computer's processor - this makes the resulting code run very fast but can not be run on any dissimilar platform; achieving portability is usually achieved by leaving the code in a platform neutral format which must be interpreted on each computer where it is executed. Java accomplishes its goals of being portable and fast by using a hybrid approach: the programs are compiled to byte codes which are interpreted by a special program called the Java Virtual Machine (JVM) which, in turn, executes the corresponding native instructions of the host computer. On most computer platforms, the Java byte codes have a direct correlation to native instructions and, therefore, the JVM can execute the instructions quickly.

Java can be used to build many types of programs including...

- Stand-alone application including an interactive graphical applications as well as back-end batch and network server programs
- The write-once-run-anywhere nature of Java makes it particularly useful on the Internet where many different computer and operating system types are used as platforms for web browser applications. A single Java application can be delivered to, and executed on, web browsers running on any of a large number of computer platforms. These web delivered Java programs which run within a web browser are called Applets. Compiled Java programs can be quite large and slow to retrieve over a slow Internet connection.
- Several other software manufacturers have added the ability to write custom embedded functions using the Java language, for example: DB2 UDB supports writing stored procedures in Java with embedded SQL; Oracle Application Server supports writing custom functionality using Java via their J/Web cartridge.
- The Netscape Application Server application architecture supports developing on-line application logic using Java.

JavaScript

JavaScript is a lightweight interpreted programming language with object-oriented capabilities. JavaScript is an open standards based language created by Netscape and controlled by the European Computer Manufacturers Association (ECMA), a European association for standardizing information and

communication systems. The general-purpose core of the language has been embedded in Netscape Navigator, Microsoft Internet Explorer, and other web browsers.

JavaScript allows executable content to be included in web pages. Embedded JavaScript can be used to control document appearance and content, control the browser, interact with HTML Forms, interact with the user, etc. For example, JavaScript can be used to perform validation of input fields on an HTML form before submitting the request to the web server. JavaScript scripts can also perform dynamic control of the web page within the web browser to provide functionality such as moving and layering page elements to create a tab screen effect and showing and hiding form controls to create a disabled/enabled effect.

JavaScript programs (scripts) are plain text and are interpreted (not compiled). As a result, these scripts execute slower but the JavaScript files tend to be small and easy to transmit to web browsers accessing the Internet through slow connections. An alternate to using JavaScript is to use another scripting language such as Microsoft's VBScript based on Microsoft's Visual Basic. A significant limitation of VBScript is that it can run only within Microsoft web browsers and it is not an open standard approved by any standards organization. Another choice is to use Java Applets. Java is an open standard and Java applets can run on most current web browsers but Applets tend to be much larger and, therefore, take longer to transmit over slow Internet connections and, therefore, should be used sparingly.

HTML

HTML is an open standards based language for platform independent World Wide Web page layout description. The HTML standard is controlled by sub groups of the World Wide Web Consortium (W3C). HTML files are text based and tend to be small and easy to load over a slow connection to the Internet. The HTML standard continues to evolve with new features being added continually. As these new features are implemented and supported by the web browser manufacturers then content providers use those new features in their web pages. There is no other competing language for this purpose.

SQL

Structured Query Language (SQL) is an open standards based language for Data Definition and Data Manipulation within relation database servers. SQL is supported by every major relational database vendor.

C/C++

C is a general-purpose programming language which features economy of expression, modern control flow and data structures, and a rich set of operators. C is not a "very high level" language, nor a "big" one, and is not specialized to any particular area of application. But its absence of restrictions and its generality make it more convenient and effective for many tasks than some higher level languages. It has been closely associated with the UNIX system where it was developed, since both the system and most of the programs that run on it are written in C. The language, however, is not tied to any one operating system or machine; and although it has been called a "system programming language" because it is useful for writing compilers and operating systems, it has been used equally well to write major programs in many different domains. C is a relatively "low level" language in that it deals with the same sort of objects that most computers do, namely characters, numbers, and memory addresses making it more akin to assembler languages than to a higher level language such as COBOL. Due to the low level of the programming features supported by C/C++ these programs tend to be difficult to program, difficult to debug, and bugs can have more severe consequences. C also provides the fundamental control-flow constructs required for well structured programs. C++ is an object oriented enhancement of the C programming language. Both C and C++ were created by AT&T and have ANSI standards. Programs written in C/C++ are compiled to binary executable code capable of executing on

only the computer platform for which it was compiled. Due to the lower level of the programming and the fact that C/C++ is compiled, programs written in C++ have among the fastest execution times of any other programming language - other than assembler.

COBOL

COBOL (COmmon Business Oriented Language) is one of the most widely used programming languages for business applications in the world. It is particularly well suited to record processing and financial business processing. COBOL has an ANSI standard. COBOL provides a higher level of programming than does C/C++ and does not allow the developer to perform direct manipulation of the underlying computer platform. As such, these programs tend to not exhibit the same bug severity as do programs written in a lower level language but also are a poor choice for doing system service level development.

PERL

PERL (Practical Extraction and Reporting Language) is a commercially-supported cross-platform general purpose scripting language invented in 1987 by Larry Wall. Perl has become the language of choice for World Wide Web development, text processing, Internet services, mail filtering, systems administration, and many other tasks requiring portable and easily-developed solutions. It is commonly used for job control scripting to function as the "glue" for connecting applications that normally would not talk to one another. Perl programs are interpreted and, therefore, can run on many different platforms without modification. Perl is also secure, object-oriented, robust, easy to learn and use, concise, and flexible.

KSH

The Korn Shell is one of the standard command interfaces for UNIX systems. The Korn Shell also allows for the execution of scripts built using the Korn Shell command language features. Such scripts can be full fledged programs but are often used as job control "wrappers" performing job setup, invoking executable programs, and performing job clean-up much like JCL are used on the main frame.

Component / Language / Platform Matrix

The following table details the various languages used, the type of application components built using them, when these components are deployed and stored, and where these components eventually are executed in the course of handling a client transaction.

| Language | ISM Purpose | Where Stored | Where Executed |
|--|---|--|--|
| Java | On-line, transaction based application logic implemented as Java Servlets and Java Server Pages within the application server. | application server | application server |
| | Applets: Complex graphical presentation and user interaction within web pages. Due to the larger size of applets and the longer loading time over slow Internet connections, applets will be used only on an as-needed basis. | web server | web browser |
| * - only one of Java, C, COBOL will be used for stored procedures. | Scripting / Logic processing within a DB2 Stored Procedure | database server | database server |
| JavaScript | Simple logic processing with a web page such as... 1) dynamic page manipulation such as showing and hiding content and form controls 2) verifying user data entry for completeness and validity before submitting the request | 1) in separate JavaScript files and embedded in static HTML pages stored on the web server 2) embedded in output Java Server Pages stored on the application server | web browser |
| HTML | Static page - web page content and layout. May contain embedded JavaScript. | web server | web browser |
| | Java Server Pages used by the application server to prepare a web page in response to a request. The JSP may contain anything that is intended to be sent to the browser, including embedded JavaScript. | application server | 1) used by application logic to generate dynamic pages 2) these generated pages are delivered to the web browser and rendered |
| SQL | Used directly by the application logic components within the application server to perform direct data queries against the database server. | application server | database server |

| Language | ISM Purpose | Where Stored | Where Executed |
|--|---|--------------------|--------------------|
| | Used directly by the batch logic components to perform direct data queries against the database server | batch server | database server |
| | Used within DB2 stored procedures to specify the data manipulation. | database server | database server |
| C++ | Used to build NAS Extensions to extend the core functionality of the NAS server. Services to be provided include 1) error handling and notification 2) statistics gathering and monitoring 3) security rule enforcement | application server | application server |
| * - only one of Java, C, COBOL will be used for stored procedures. | Scripting / Logic processing within a DB2 Stored Procedure | database server | database server |
| COBOL | Batch programs executing business functions which access or manipulate the data within the ISM database. Examples include the various interfaces between the ISM System and main frame applications. | batch server | batch server |
| * - only one of Java, C, COBOL will be used for stored procedures. | Scripting / Logic processing within a DB2 Stored Procedure | database server | database server |
| PERL | Batch programs to perform various special purpose system support type operations such as parsing and reformatting files. This will be used on a limited basis. | batch server | batch server |
| KSH | KSH scripts will be used to control the execution of the COBOL and PERL batch programs much like JCL is used on the main frame. These scripts will perform operations such as job setup (such as copying and renaming files), program execution, return code status checking, and job clean-up. | batch server | batch server |

* DB2 UDB supports the use of Java, C/C++, and COBOL for developing stored procedures. Only one of those languages will be selected but that decision has not yet been made.

ism_proj

| Project Phase | January | April | 1999 July | October | January | April |
|--|---------|-------|--------------|---------|---------|-------|
| Project Mgmt Tasks - PM Plan | | | | | | |
| CSG Training & Communications Managem | | | | | | |
| CSG End User Training & Procedures (EUT) | | | | | | |
| CSG Communications & Marketing (CM) | | | | | | |
| Project Mgmt Tasks - Technical Team | | | | | | |
| Conduct Design Validation | | | | | | |
| Confirm Technical Architecture (CTA) | | | | | | |
| Procure HW/SW for Development and Produ | | | | | | |
| Develop User Interface Prototype | | | | | | |
| Develop Application Architecture (DAA) | | | | | | |
| Develop Data Architecture (DDA) | | | | | | |
| Detail Design | | | | | | |
| Acquire & Install Technical Infrastructure (IT) | | | | | | |
| Code/Unit Test Infrastructure | | | | | | |
| Support Development and Testing | | | | | | |
| Deployment | | | | | | |
| Project Mgmt Tasks - Design Team | | | | | | |
| Assist with Design Validation | | | | | | |
| GUI Prototype (GP) | | | | | | |
| Conduct Detailed Design | | | | | | |
| Project Mgmt Tasks - AS Dev Team | | | | | | |
| Code/Unit Test Startup | | | | | | |
| Code/Unit Test | | | | | | |
| Project Mgmt Tasks - BP Dev Team | | | | | | |
| Code/Unit Test Startup | | | | | | |
| Code/Unit Test | | | | | | |
| Code/Unit Test | | | | | | |
| Code/Unit Test | | | | | | |
| Code/Unit Test | | | | | | |
| Project Mgmt Tasks - Testing Team | | | | | | |
| System Test Planning & Execution (ST) | | | | | | |
| User Acceptance Testing (AT) | | | | | | |
| Deployment (DEP) Project Plan | | | | | | |
| Production Support (PS) | | | | | | |

06/22/2005

ISM High-Level Project Schedule

Page 1-2

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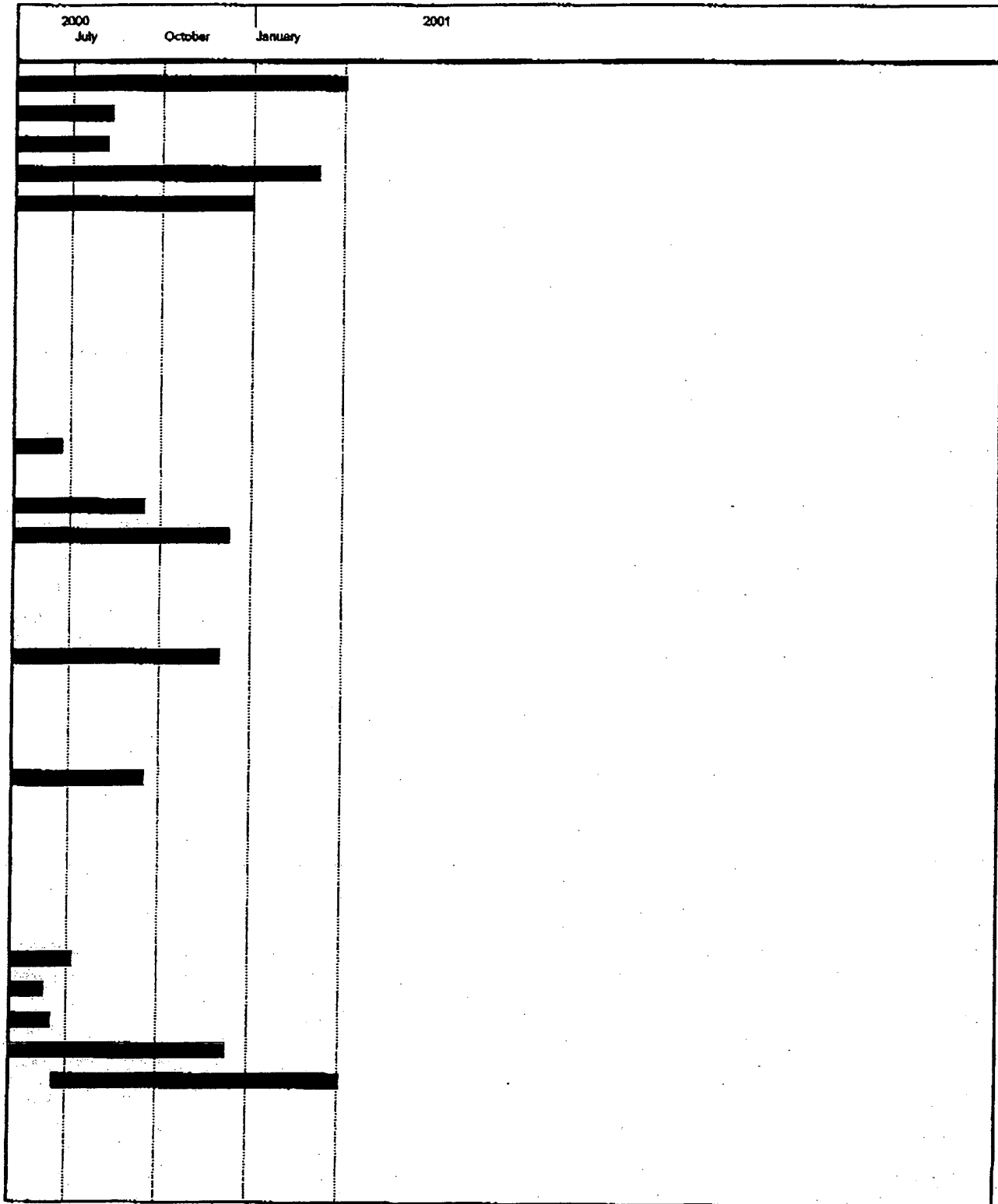


Exhibit "C"



ism_proj

| | | | | | | | | | | | |
|--|--|------------|--|------------|--|------------|--|--------------------|--|-------------------------|--|
| IDES ISM Project | | April 2001 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | R E T R O | | Status | | ##### | | Actual Start / End | | Assn: Baseline Estimate | |
| Project Mgmt Tasks - PM Plan | | | | | | | | | | | |
| Project Management | | | | | | | | | | | |
| Weekly Status Issues Meetings (4 hrs max/week) | | Cmpl | | 02/05/1999 | | 02/05/1999 | | TL | | 320.0 | |
| Manage Team | | Cmpl | | 12/29/2000 | | 04/02/2001 | | TL | | 720.0 | |
| Project Initiation | | | | | | | | | | | |
| MJR - Begin ISM Project | | Cmpl | | | | 01/26/1999 | | PS | | | |
| Orientation | | Cmpl | | 01/26/1999 | | 01/26/1999 | | TL | | 24.0 | |
| Develop Orientation Guide | | Cmpl | | 04/01/1999 | | 02/08/1999 | | TL | | 24.0 | |
| Establish Project Org Chart | | Cmpl | | 04/29/1999 | | 06/21/1999 | | TL | | 24.0 | |
| Establish Communications Plan | | Cmpl | | 02/01/1999 | | 02/22/1999 | | TL | | 16.0 | |
| Prepare Project Expectations | | Cmpl | | 02/22/1999 | | 02/22/1999 | | TL | | 16.0 | |
| Develop Macro Level Project Plan | | Cmpl | | 03/15/1999 | | 03/15/1999 | | TL | | 6.0 | |
| Complete Project Master Plan | | Cmpl | | 05/28/1999 | | 06/04/1999 | | TL | | 6.0 | |
| Obtain Agreement to Master Plan | | Cmpl | | 02/01/1999 | | 02/01/1999 | | TL | | 16.0 | |
| Develop Detailed Project Plan | | Cmpl | | 03/01/1999 | | 03/01/1999 | | TL | | 16.0 | |
| Project Control | | | | | | | | | | | |
| Collect and Review Project Data | | Cmpl | | 02/05/1999 | | 02/05/1999 | | TL | | 24.0 | |
| | | | | 02/26/1999 | | 02/26/1999 | | TL | | 8.0 | |
| | | | | 03/12/1999 | | 03/12/1999 | | TL | | 8.0 | |
| | | | | 02/12/1999 | | 02/12/1999 | | TL | | 96.0 | |
| | | | | 04/01/1999 | | 04/01/1999 | | TL | | 96.0 | |
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| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
|--|--|--------|-----------------------|----------------------------|--------------------------|----------------------------|-----------------|--------------------------|-----|-------|----------|
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Post Actuals and Calculate Variances | | Cmpl | | 12/29/2000 02/01/1999 | 12/29/2000 02/01/1999 | TL 180.0 | | 176.0 | 0.0 | 176.0 | 4.0 |
| Evaluate Project Status | | Cmpl | | 12/29/2000 02/01/1999 | 12/29/2000 02/01/1999 | TL 180.0 | | 70.0 | 0.0 | 70.0 | 110.0 |
| Collect and Review Project Data | | Cmpl | | 12/29/2000 08/09/1999 | 12/29/2000 08/09/1999 | TL 110.0 | | 110.0 | 0.0 | 110.0 | -110.0 |
| Evaluate Project Status | | Cmpl | | 12/29/2000 08/09/1999 | 12/29/2000 08/09/1999 | TL 110.0 | | 110.0 | 0.0 | 110.0 | -110.0 |
| Resolve Variances and Address Problems | | Cmpl | | 12/29/2000 08/09/1999 | 12/29/2000 08/09/1999 | TL 371.0 | | 371.0 | 0.0 | 371.0 | -371.0 |
| Control Issues and Changes | | Cmpl | | 12/29/2000 08/09/1999 | 12/29/2000 08/09/1999 | TL 204.0 | | 204.0 | 0.0 | 204.0 | -204.0 |
| Resolve Variances and Address Problems | | Cmpl | | 12/29/2000 02/01/1999 | 12/29/2000 02/01/1999 | TL 618.0 | 0.0 | 104.1 | 0.0 | 104.1 | 513.9 |
| Control Issues and Changes | | Cmpl | | 12/29/2000 02/01/1999 | 12/29/2000 01/11/2001 | TL 400.0 | 0.0 | 83.6 | 0.0 | 83.6 | 316.4 |
| Manage Acceptance of Deliverables | | Cmpl | | 12/29/2000 04/05/1999 | 12/29/2000 04/05/1999 | TL 240.0 | | 280.0 | 0.0 | 280.0 | -40.0 |
| Keep Project Master Plan Up to Date | | Cmpl | | 12/29/2000 04/05/1999 | 12/29/2000 04/05/1999 | TL 320.0 | | 212.0 | 0.0 | 212.0 | 108.0 |
| Update Project Plan | | Cmpl | | 12/29/2000 06/07/1999 | 12/29/2000 06/07/1999 | ET 173.0 | | 173.0 | 0.0 | 173.0 | -173.0 |
| Variance Analysis | | Cmpl | | 12/29/2000 06/07/1999 | 12/29/2000 06/07/1999 | ET 74.0 | | 74.0 | 0.0 | 74.0 | -74.0 |
| Reserve for Project Tasks | | Cmpl | | 12/29/2000 05/03/1999 | 12/29/2000 05/03/1999 | TL 1,974.0 | | 0.0 | 0.0 | 0.0 | 1,974.0 |
| Project Completion | | | | 12/29/2000 10/31/2000 | 12/29/2000 10/31/2000 | | | | | | |
| Obtain Project Acceptance | | Cmpl | | 12/29/2000 06/05/2000 | 12/29/2000 06/05/2000 | TL 40.0 | | 20.0 | 0.0 | 20.0 | 20.0 |
| Develop Project Close-Down Plan | | Cmpl | | 12/29/2000 07/03/2000 | 12/29/2000 07/03/2000 | TL 80.0 | | 40.0 | 0.0 | 40.0 | 40.0 |

| Project Name | Status | RETRO | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
|--|--------|-------|----------------------|--------------------|------|-------------------|--------------------|-----|-------|----------|
| IDES ISM Project | ##### | | | | | | | | | |
| Today's Date: | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | |
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| Implement Project Close-Down Plan | Cmpl | | 10/30/2000 | 09/01/2000 | TL | 80.0 | 98.0 | 0.0 | 98.0 | -18.0 |
| Gather Project Performance Statistics | Cmpl | | 12/29/2000 | 04/02/2001 | TL | 40.0 | 20.0 | 0.0 | 20.0 | 20.0 |
| Conduct Post-Project Review | Cmpl | | 10/30/2000 | 10/02/2000 | TL | 40.0 | 18.5 | 0.0 | 18.5 | 21.5 |
| Write Mid-Project Reviews | Cmpl | | 12/29/2000 | 11/29/2000 | TL | 24.0 | 6.0 | 0.0 | 6.0 | 18.0 |
| Write End of Project Reviews | Cmpl | | 11/08/1999 | 05/01/2000 | TL | 24.0 | 0.0 | 0.0 | 0.0 | 24.0 |
| | | | 12/03/1999 | 10/09/2000 | | | | | | |
| | | | 10/02/2000 | 01/02/2001 | | | | | | |
| | | | 10/31/2000 | 04/02/2001 | | | | | | |
| Unplanned - Approved Hours for Un | | | | | | | | | | |
| Reserve for Approved Out of Scope Tasks | Cmpl | | 11/03/1999 | 03/02/2000 | TL | 1,950.0 | 0.0 | 0.0 | 0.0 | 1,950.0 |
| | | | 11/03/1999 | 03/02/2000 | | | | | | |
| CSG Training & Communicatio | | | | | | | | | | |
| Project Management | | | | | | | | | | |
| Weekly Status Issues Meetings, etc | Cmpl | | 08/30/1999 | 07/02/1999 | CY | 233.6 | 233.0 | 0.0 | 233.0 | 0.6 |
| | | | 10/27/2000 | 09/05/2000 | | | | | | |
| Create Plans - Procedures/Training and Marketing/C | Cmpl | | 11/01/1999 | 11/01/1999 | CY | 70.0 | 70.0 | 0.0 | 70.0 | 0.0 |
| Manage Marketing & Communications Team | Cmpl | | 11/26/1999 | 12/23/1999 | | | | | | |
| Assit with drafting initial Procedures/ & Training appro | Cmpl | | 11/05/1999 | 11/29/1999 | CY | 165.0 | 92.0 | 0.0 | 92.0 | 73.0 |
| | | | 08/31/2000 | 09/01/2000 | | | | | | |
| | | | | 07/09/1999 | MM | | 25.0 | 0.0 | 25.0 | -25.0 |
| | | | | 08/02/1999 | | | | | | |
| Manage Procedures & Training Team | Cmpl | | 09/27/1999 | 09/27/1999 | CY | 610.0 | 590.0 | 0.0 | 590.0 | 20.0 |
| | | | 08/31/2000 | 09/01/2000 | | | | | | |
| Manage Plans - Procedures/Training & Communicati | Cmpl | | 07/02/1999 | 07/02/1999 | CY | 222.0 | 222.0 | 0.0 | 222.0 | 0.0 |
| | | | 08/31/2000 | 09/01/2000 | | | | | | |
| Create and Manage IDES Plan | Cmpl | | 02/07/2000 | 02/07/2000 | CY | 120.0 | 113.0 | 0.0 | 113.0 | 7.0 |
| | | | 08/31/2000 | 09/05/2000 | | | | | | |

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|---|-------|-------|----------------------------|--------------------------|----------------------------|-----------------|--------------------------|-----|-------|----------|
| <p>IDES ISM Project</p> <p>Today's Date:</p> <p>Project as of Date:</p> <p>Name</p> | ##### | RETRO | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
| CSG End User Training & Proc | | | | | | | | | | |
| CSG Start EUT Subphase | | | | | | | | | | |
| Review System Design | Cmpl | | 07/09/1999 10/01/1999 | 07/09/1999 10/01/1999 | CY | 8.0 | 5.0 | 0.0 | 5.0 | 3.0 |
| Training Development and Delivery | | | | | | | | | | |
| Define Training Strategy/Plan | Cmpl | | | | | | | | | |
| Assess Training Requirements | Cmpl | | 08/30/1999 09/28/1999 | 07/16/1999 10/15/1999 | CY | 40.0 | 52.5 | 0.0 | 52.5 | -12.5 |
| Create and Revise Training Database | Cmpl | | 04/03/2000 05/12/2000 | 04/14/2000 06/19/2000 | CY | 120.0 | 120.0 | 0.0 | 120.0 | 0.0 |
| Training Materials Review & Support | Cmpl | | 05/08/2000 06/12/2000 | 05/08/2000 07/14/2000 | CY | 98.0 | 98.0 | 0.0 | 98.0 | 0.0 |
| Manage Training Environment | Cmpl | | 05/12/2000 06/12/2000 | 06/12/2000 08/30/2000 | CY | 60.0 | 110.0 | 0.0 | 110.0 | -50.0 |
| Procedures Development | | | | | | | | | | |
| Create and Manage Procedures Inventory | Cmpl | | 11/05/1999 06/09/2000 | 11/05/1999 06/09/2000 | CY | 60.0 | 150.0 | 0.0 | 150.0 | -90.0 |
| Assess Pilot Phase & Conversion | Cmpl | | | | | | | | | |
| Conclude EUT Subphase | Cmpl | | 09/29/2000 | 08/31/2000 | CY | | 25.0 | 0.0 | 25.0 | -25.0 |
| CSG Communications & Marke | | | | | | | | | | |
| Define Communications & Marketing | | | | | | | | | | |
| Define Communications & Marketing Strategy | Cmpl | | 10/04/1999 11/12/1999 | 07/09/1999 11/12/1999 | CY | 60.0 | 65.0 | 0.0 | 65.0 | -5.0 |

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| IDES ISM Project | | ##### | R | | | | | April 2001 | | | | | |
| Today's Date: | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | ETC | | Total | |
| Project as of Date: | | T | | Start / End | | Start / End | | Estimate | | Actual Hours | | Variance | |
| Name | | O | | Start / End | | Start / End | | Estimate | | Actual Hours | | Variance | |
| Support Marketing and Communica | | | | | | | | | | | | | |
| Unplanned - Prepare for One America Conference, 8 Cmpl | | | | | | | | | | | | | |
| Unplanned - Prepare/Attend State Fair, 8/12-8/23 Cmpl | | | | | | | | | | | | | |
| Unplanned - Preparation for Lombard IWIB Meeting, Cmpl | | | | | | | | | | | | | |
| Unplanned - Prepare/Attend Mayor Sr. Staff Mtg, 8/2 Cmpl | | | | | | | | | | | | | |
| Assist with setting up Powerpoint for Pres. Cmpl | | | | | | | | | | | | | |
| Prepare/Attend Presentations Cmpl | | | | | | | | | | | | | |
| Prepare/Conduct Presentations Cmpl | | | | | | | | | | | | | |
| Present ISM in Springfield to Employers/Educators - Cmpl | | | | | | | | | | | | | |
| Present ISM at Mayor's Office - 12/23 Cmpl | | | | | | | | | | | | | |
| Project Mgmt Tasks - Technica | | | | | | | | | | | | | |
| Project Management & Control | | | | | | | | | | | | | |
| Weekly Status Issues Meetings (4 hrs max/week) Cmpl | | | | | | | | | | | | | |
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| IDES ISM Project | ##### | R E T R O | | | | April 2000 15 | | | | |
| Today's Date: | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | |
| Name | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| Weekly Status, Issues, Meetings | Cmpl | | | | MC 302.0 | 262.0 | 0.0 | 262.0 | 40.0 | |
| Maintain Detailed Work Plan | Cmpl | | 04/05/1999 09/01/2000 | 09/24/1999 07/17/2000 | RC DH | 53.0 | 0.0 | 53.0 | -53.0 | |
| Weekly Status, Issues, etc. | Cmpl | | 04/24/2000 06/30/2000 | 04/05/1999 06/30/2000 | MC 296.0 | 228.0 | 0.0 | 228.0 | 0.0 | |
| Weekly Status, Issues, etc. | Cmpl | | 04/24/2000 06/30/2000 | 04/24/2000 | TC 20.0 | 20.0 | 0.0 | 20.0 | 0.0 | |
| Weekly Status, Issues, etc. | Cmpl | | 04/24/2000 06/30/2000 | 04/24/2000 | GR 20.0 | 0.0 | 0.0 | 0.0 | 20.0 | |
| Weekly Status, Issues, etc. | Cmpl | | | 07/10/2000 | CJ | 12.0 | 0.0 | 12.0 | -12.0 | |
| Weekly Status, Issues, etc. | Cmpl | | | 05/30/2000 | AF | 15.0 | 0.0 | 15.0 | -15.0 | |
| Weekly Status, Issues, etc. | Cmpl | | | 07/14/2000 | MC 618.9 | 636.0 | 0.0 | 636.0 | -17.1 | |
| Manage Team | Cmpl | | 02/12/1999 09/01/2000 | 02/12/1999 08/31/2000 | MC 296.0 | 56.0 | 0.0 | 56.0 | 240.0 | |
| Resolve Variances and Address Problems | Cmpl | | 04/05/1999 09/01/2000 | 04/05/1999 | BK 0.0 | 115.0 | 0.0 | 115.0 | -115.0 | |
| Manage Issues and Changes | Cmpl | | 02/05/1999 09/01/2000 | 02/05/1999 | MC 676.0 | 390.0 | 0.0 | 390.0 | 286.0 | |
| Reserve for Technical Team Tasks | Cmpl | | 04/05/1999 09/01/2000 | 04/05/1999 | MC 305.0 | 0.0 | 0.0 | 0.0 | 305.0 | |
| Design Change Analysis | Cmpl | | 09/01/2000 02/22/1999 | 09/01/2000 | MC 46.0 | 29.0 | 0.0 | 29.0 | 17.0 | |
| Manage/Acceptance of Deliverables | Cmpl | | 04/19/1999 07/28/2000 | 04/19/1999 07/28/2000 | LL 42.0 | 29.0 | 0.0 | 29.0 | 13.0 | |
| Write First Team Member Reviews | Cmpl | | 10/04/1999 10/22/1999 | 10/04/1999 10/22/1999 | BK 46.0 | 46.0 | 0.0 | 46.0 | 0.0 | |
| Write Final Team Member Reviews | Cmpl | | 05/30/2000 06/16/2000 | 05/30/2000 06/16/2000 | TS 40.0 | 3.0 | 0.0 | 3.0 | 37.0 | |
| Project Orientation | Cmpl | | 04/05/1999 04/09/1999 | 04/05/1999 04/09/1999 | AB 63.0 | 47.0 | 0.0 | 47.0 | 16.0 | |
| | | | | | MC 88.0 | 28.0 | 0.0 | 28.0 | 60.0 | |
| | | | | | MC 12.0 | 12.0 | 0.0 | 12.0 | 0.0 | |
| | | | | | MC 12.0 | 0.0 | 0.0 | 0.0 | 12.0 | |
| | | | | | TS 8.0 | 8.0 | 0.0 | 8.0 | 0.0 | |

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| IDES ISM Project | ##### | R E T R O | | | | April 2001 15 | | | | |
| Today's Date: Project as of Date: | | | | | | | | | | |
| Name | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Project Orientation | Cmpl | | | | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 09/07/1999: AB | | | 6.0 | 0.0 | 6.0 | -6.0 |
| | | | | 10/18/1999: TS | | | 16.0 | 0.0 | 16.0 | -16.0 |
| | | | | RC | | | 16.0 | 0.0 | 16.0 | -16.0 |
| | | | | DH | | | 18.0 | 0.0 | 18.0 | -18.0 |
| Analysis for Disabled Access Issue (#10) | Cmpl | | | 07/01/1999: MC | | | 12.0 | 0.0 | 12.0 | -12.0 |
| | | | | 12/17/1999: LL | | | 81.0 | 0.0 | 81.0 | -81.0 |
| | | | | TS | | | | | | |
| Project Initiation | | | | | | | | | | |
| Project Start-Up / Orientation | Cmpl | | | 01/27/1999: BK | 16.0 | | 16.0 | 0.0 | 16.0 | 0.0 |
| | | | | 02/12/1999: AB | 10.0 | | 10.0 | 0.0 | 10.0 | 0.0 |
| | | | | LL | 16.0 | | 16.0 | 0.0 | 16.0 | 0.0 |
| | | | | MC | 13.0 | | 13.0 | 0.0 | 13.0 | 0.0 |
| Refine Architecture Deliverables | Cmpl | | | 02/01/1999: MC | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 02/26/1999: LL | 9.0 | | 9.0 | 0.0 | 9.0 | 0.0 |
| | | | | AB | 16.0 | | 16.0 | 0.0 | 16.0 | 0.0 |
| | | | | BK | 14.0 | | 14.0 | 0.0 | 14.0 | 0.0 |
| Develop Architecture Milestones | Cmpl | | | 02/01/1999: AB | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 02/26/1999: BK | 20.0 | | 20.0 | 0.0 | 20.0 | 0.0 |
| | | | | LL | 24.0 | | 24.0 | 0.0 | 24.0 | 0.0 |
| | | | | MC | 16.0 | | 16.0 | 0.0 | 16.0 | 0.0 |
| Procure Initial Tools | Cmpl | | | 02/01/1999: AB | 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |
| | | | | 02/12/1999: LL | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | MC | 10.0 | | 10.0 | 0.0 | 10.0 | 0.0 |
| Prepare Team Member Expectations | Cmpl | | | 04/05/1999: MC | 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |
| | | | | 04/09/1999 | | | | | | |
| Develop Detailed WorkPlan | Cmpl | | | 02/15/1999: MC | 80.0 | | 82.0 | 0.0 | 82.0 | -2.0 |
| | | | | 04/02/1999 | | | | | | |
| Project Training | | | | | | | | | | |
| Develop Project Training Plan | Cmpl | | | 07/12/1999: AB | | | 3.0 | 0.0 | 3.0 | -3.0 |
| | | | | 07/23/1999: TS | | | 3.0 | 0.0 | 3.0 | -3.0 |
| | | | | LL | | | 3.0 | 0.0 | 3.0 | -3.0 |
| | | | | MC | | | 3.0 | 0.0 | 3.0 | -3.0 |

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| IDES ISM Project | ##### | R E T R O | | | | April 2001 | | | | |
| Today's Date: | Status | | Actual Start / End | Baseline Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Project as of Date: | | | | | | | | | | |
| Name | | | | | | | | | | |
| NonBill - DB2 UDB Training | Cmpl | | | | | | 40.0 | 0.0 | 40.0 | -40.0 |
| NonBill - Sun Solaris Training | Cmpl | | | | | | 40.0 | 0.0 | 40.0 | -40.0 |
| NonBill - Sun Solaris Administration Training | Cmpl | | | | | | 40.0 | 0.0 | 40.0 | -40.0 |
| NonBill - Sun Solaris Administration | Cmpl | | | | | | 40.0 | 0.0 | 40.0 | -40.0 |
| Tools Training | Cmpl | | | | | | 0.0 | 0.0 | 0.0 | 40.0 |
| NonBill - DB2 UDB EEE Administration Training | Cmpl | | | | | | 40.0 | 0.0 | 40.0 | 0.0 |
| Tools Training | Cmpl | | | | | | 0.0 | 0.0 | 0.0 | 40.0 |
| Review Project Standards with Developers | Cmpl | | | | | | 8.0 | 0.0 | 8.0 | -8.0 |
| Review Project Standards with Developers | Cmpl | | | | | | 0.0 | 0.0 | 0.0 | 8.0 |
| Training Sessions for IDES staff | Cmpl | | | | | | 0.0 | 0.0 | 0.0 | 0.0 |
| IETC Office Visit | Cmpl | | | | | | 4.0 | 0.0 | 4.0 | 0.0 |
| Communicate Tech. and Appl. Architecture to Developers | Cmpl | | | | | | 13.0 | 0.0 | 13.0 | 0.0 |
| Prepare Online and Server Side Ori | Cmpl | | | | | | 3.0 | 0.0 | 3.0 | 0.0 |
| Organize Class Material - NAB, NAS | Cmpl | | | | | | 3.0 | 0.0 | 3.0 | 0.0 |
| Organize Class Material - DB2 | Cmpl | | | | | | 3.0 | 0.0 | 3.0 | 0.0 |
| Organize Class Material - Visual Cafe | Cmpl | | | | | | 8.0 | 0.0 | 8.0 | -8.0 |
| Organize Class Material - Online Architecture | Cmpl | | | | | | 20.0 | 0.0 | 20.0 | -20.0 |
| | | | | | | | 4.0 | 0.0 | 4.0 | -4.0 |
| | | | | | | | 4.0 | 0.0 | 4.0 | -4.0 |
| | | | | | | | 22.0 | 0.0 | 22.0 | -22.0 |

| IDES ISM Project | | | | | | April 2000 15 | | | | |
|--|--------|------------------|----------------------------|--------------------------|----------------------------|--------------------------|-----|-------|----------|--|
| Today's Date: Project as of Date: | | | | | | | | | | |
| Name | Status | R E T O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| Conduct Online and Server Side Class | Cmpl | | | 11/12/1999 | CJ | 2.0 | 0.0 | 2.0 | -2.0 | |
| Prepare Client Side Training | | | | 11/01/1999 | JM | 1.0 | 0.0 | 1.0 | -1.0 | |
| | | | | 11/08/1999 | AB | 16.0 | 0.0 | 16.0 | -16.0 | |
| | | | | | LL | 16.0 | 0.0 | 16.0 | -16.0 | |
| | | | | 11/15/1999 | TS | 0.0 | 0.0 | 0.0 | 0.0 | |
| Organize Class Material - JavaScript and NetObjects | Cmpl | | | 12/13/1999 | | | | | | |
| Organize Class Material - Dynamic HTML and DreamCmpl | | | | 11/15/1999 | TS | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 12/06/1999 | | | | | | |
| Conduct Client Side Class | Cmpl | | | 11/15/1999 | TS | 3.0 | 0.0 | 3.0 | -3.0 | |
| | | | | 12/13/1999 | LL | 0.0 | 0.0 | 0.0 | 0.0 | |
| Prepare Batch Training | | | | | | | | | | |
| Organize Class Material - MicroFocus COBOL | Cmpl | | | 11/22/1999 | RC | 1.0 | 0.0 | 1.0 | -1.0 | |
| | | | | 11/29/1999 | | | | | | |
| Organize Class Material - PVCS | Cmpl | | | 12/13/1999 | MZ | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 12/17/1999 | LL | 0.0 | 0.0 | 0.0 | 0.0 | |
| Organize Class Material - COSBatch | Cmpl | | | | RC | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 12/20/1999 | MZ | 0.0 | 0.0 | 0.0 | 0.0 | |
| Organize Class Material - ISM Batch Architecture | Cmpl | | | 12/27/1999 | TS | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 11/19/1999 | RC | 5.0 | 0.0 | 5.0 | -5.0 | |
| Conduct Batch Class | Cmpl | | | 11/29/1999 | BK | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 12/03/1999 | MZ | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 12/13/1999 | TS | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | RC | 2.0 | 0.0 | 2.0 | -2.0 | |
| | | | | | BK | 0.0 | 0.0 | 0.0 | 0.0 | |
| Conduct Design Validation Requirements Analysis | | | | | | | | | | |
| Review CSD/Prepare for Validation Sessions | Cmpl | | 02/01/1999 | 02/01/1999 | AB | 24.0 | 0.0 | 24.0 | 0.0 | |
| | | | 03/26/1999 | 04/02/1999 | BK | 74.0 | 0.0 | 74.0 | -10.0 | |
| Conduct Initial Design Validation Sessions | Cmpl | | 02/12/1999 | 02/12/1999 | MC | 8.0 | 0.0 | 8.0 | 0.0 | |

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| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
|--|--|--------|-----------------------|----------------------------|--------------------------|------------------------------|-----------------|--------------------------|-----|-------|----------|
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | | Status | | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Update Requirements Documents | | Cmpl | | 04/02/1999 | 06/11/1999 AB | 50.0 | | 53.0 | 0.0 | 53.0 | -3.0 |
| Conduct Final Design Validation Sessions | | Cmpl | | 02/15/1999 | 02/15/1999 BK | 68.0 | | 84.0 | 0.0 | 84.0 | -16.0 |
| Review Security Requirements | | Cmpl | | 04/23/1999 | 06/01/1999 BK | 104.0 | | 186.0 | 0.0 | 186.0 | -82.0 |
| Reserve for Design Validation | | Cmpl | | 04/05/1999 | 04/05/1999 BK | 48.0 | | 0.0 | 0.0 | 0.0 | 48.0 |
| All Field Review Packets have been sent to field | | Cmpl | | 04/23/1999 | 04/30/1999 LL | 8.0 | | 8.0 | 0.0 | 8.0 | 0.0 |
| All Field Review Packets have been received from field | | Cmpl | | 03/05/1999 | 03/26/1999 MC | 40.0 | | 0.0 | 0.0 | 0.0 | 40.0 |
| Conclude Design Validation Phase | | Cmpl | | 04/12/1999 | 04/30/1999 BK | | | | | | |
| Resolve Issues related to requirements | | Cmpl | | 04/05/1999 | 04/23/1999 BK | | | | | | |
| Finalize Requirements Documents | | Cmpl | | 04/16/1999 | 04/30/1999 | | | | | | |
| MJR - Design Validation Completed & Approved | | Cmpl | | 04/19/1999 | 04/19/1999 BK | 16.0 | | 8.0 | 0.0 | 8.0 | 8.0 |
| Confirm Technical Architecture | | Cmpl | | 04/30/1999 | 05/10/1999 BK | 16.0 | | 4.0 | 0.0 | 4.0 | 12.0 |
| Conduct Tech Requirements Analysis | | Cmpl | | 04/26/1999 | 04/26/1999 BK | | | | | | |
| Determine Design Principles, Assumptions, Constraints | | Cmpl | | 04/30/1999 | 05/17/1999 BK | | | | | | |
| Determine Service Requirements | | Cmpl | | 04/30/1999 | 04/30/1999 LB | | | | | | |
| Determine Transaction Volumes | | Cmpl | | 02/12/1999 | 02/12/1999 BK | 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |
| | | | | 03/05/1999 | 03/05/1999 AB | 6.0 | | 6.0 | 0.0 | 6.0 | 0.0 |
| | | | | 02/22/1999 | MC | 9.0 | | 9.0 | 0.0 | 9.0 | 0.0 |
| | | | | 04/02/1999 | LL | 8.0 | | 8.0 | 0.0 | 8.0 | 0.0 |
| | | | | 02/22/1999 | 02/22/1999 AB | 2.0 | | 2.0 | 0.0 | 2.0 | 0.0 |
| | | | | 04/02/1999 | 04/02/1999 MC | 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |
| | | | | 02/22/1999 | LL | 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |
| | | | | 02/22/1999 | 02/22/1999 BK | 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |

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| IDES ISM Project | | April 2005 | | | | | | | | | |
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| Name | | Status | | RETRO | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | |
| Document Performance Engineering Model | | Cmpl | | ##### | | 04/02/1999 02/12/1999 04/23/1999 | | 04/02/1999 02/12/1999 04/23/1999 | | AB LL LL 26.0 24.0 | |
| Determine Security Requirements (incl DB) | | Cmpl | | | | 02/22/1999 04/02/1999 | | 02/22/1999 04/02/1999 | | AB MC BK LL LL 0.0 2.0 4.0 14.0 6.0 | |
| Estimate Impact on IDES/CMS Network | | Cmpl | | | | 02/26/1999 04/09/1999 | | 02/26/1999 06/11/1999 | | LL LL 6.0 | |
| Document Service Levels | | Cmpl | | | | | | 05/03/1999 06/11/1999 | | LL LL 16.0 | |
| Create Short List of HW/SW Compo | | | | | | | | | | | |
| Web Browser Research | | Cmpl | | | | 02/05/1999 03/29/1999 | | 02/05/1999 03/29/1999 | | LL LL 25.0 | |
| Web Server Vendor Research | | Cmpl | | | | 02/01/1999 03/29/1999 | | 02/01/1999 03/29/1999 | | LL LL 10.0 | |
| Application Server Vendor Research | | Cmpl | | | | 02/01/1999 03/29/1999 | | 02/01/1999 03/29/1999 | | LL LL 19.0 | |
| Database Software Vendor Research | | Cmpl | | | | 02/01/1999 03/29/1999 | | 02/01/1999 03/29/1999 | | LL LL 3.0 | |
| Hardware Vendor Research | | Cmpl | | | | 02/01/1999 03/29/1999 | | 02/01/1999 03/29/1999 | | AB MG 42.0 3.0 2.0 16.0 25.0 | |
| System Admin/Ops Vendor Research | | Cmpl | | | | 02/01/1999 03/29/1999 | | 02/01/1999 03/29/1999 | | AB LL 2.0 0.0 0.0 2.0 16.0 25.0 | |
| Create Short List of HW/SW Products | | Cmpl | | | | 02/19/1999 03/26/1999 | | 02/19/1999 03/26/1999 | | MG AB LL 20.0 4.0 14.0 | |
| Develop Cost Estimates | | Cmpl | | | | 03/01/1999 03/29/1999 | | 03/01/1999 03/29/1999 | | AB MG 5.0 16.0 | |
| Present Overview of Products/Approach to Sponsors | | Cmpl | | | | 02/19/1999 03/26/1999 | | 02/19/1999 03/26/1999 | | LL LL 6.0 | |
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| IDES ISM Project Today's Date: Project as of Date: | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
| Name | | Status | | | | | | | | | |
| Prepare Presentation of Configurations to Sponsors | | Cmpl | | 03/08/1999 03/29/1999 | 03/08/1999 03/29/1999 | AB MG MC LL | 13.0 24.0 4.0 43.0 | 13.0 24.0 4.0 43.0 | 0.0 0.0 0.0 0.0 | 13.0 24.0 4.0 43.0 | 0.0 0.0 0.0 0.0 |
| Determine Development & Productio | | | | | | | | | | | |
| Construct Development Environment Recommendation | | Cmpl | | 03/08/1999 04/16/1999 | 03/08/1999 04/16/1999 | MG | 48.0 | 48.0 | 0.0 | 48.0 | 0.0 |
| Develop Conceptual TI Diagram for RFP | | Cmpl | | 04/05/1999 04/16/1999 | 04/05/1999 04/16/1999 | AB LL | 4.0 4.0 | 0.0 1.0 | 0.0 0.0 | 0.0 1.0 | 4.0 3.0 |
| Develop Conceptual Migration/Deployment Diagram | | Cmpl | | 04/05/1999 04/16/1999 | 04/05/1999 04/16/1999 | AB LL | 4.0 4.0 | 0.0 4.0 | 0.0 0.0 | 0.0 4.0 | 4.0 0.0 |
| Review & Approve Proposed Archite | | | | | | | | | | | |
| Review Tech Arch with Design Advisory Group | | Cmpl | | 03/15/1999 03/29/1999 | 03/15/1999 03/29/1999 | WB SG2 AB MC MG LL | 5.0 3.0 9.0 9.0 9.0 5.0 | 5.0 3.0 9.0 9.0 9.0 5.0 | 0.0 0.0 0.0 0.0 0.0 0.0 | 5.0 3.0 9.0 9.0 9.0 5.0 | 0.0 0.0 0.0 0.0 0.0 0.0 |
| Conduct Tech Arch Review Session (w/ Sponsors) | | Cmpl | | 03/26/1999 04/16/1999 | 03/26/1999 04/16/1999 | MC AB MG LL | 2.0 2.0 2.0 2.0 | 2.0 2.0 2.0 2.0 | 0.0 0.0 0.0 0.0 | 2.0 2.0 2.0 2.0 | 0.0 0.0 0.0 0.0 |
| Review Production/Development Proposals with Spo | | Cmpl | | 04/05/1999 04/16/1999 | 04/05/1999 04/16/1999 | MC AB LL | 2.0 2.0 2.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 0.0 0.0 0.0 | 2.0 2.0 2.0 |
| Conduct Network Impact Review with IDES and CMS | | Cmpl | | 04/05/1999 04/16/1999 | 04/05/1999 04/16/1999 | TS MC LL | 0.0 4.0 4.0 | 46.0 3.0 4.0 | 0.0 0.0 0.0 | 46.0 3.0 4.0 | -46.0 1.0 0.0 |
| Prepare Presentation for the E-Team | | Cmpl | | 04/26/1999 07/16/1999 | 04/26/1999 07/16/1999 | MG LL TS MC AB | 4.0 0.0 0.0 8.0 5.0 | 4.0 0.0 0.0 8.0 5.0 | 0.0 0.0 0.0 0.0 0.0 | 4.0 0.0 0.0 8.0 5.0 | 0.0 0.0 0.0 -8.0 -5.0 |
| Prepare for and Review Technical Architecture with C | | Cmpl | | 05/03/1999 | 05/03/1999 | AB | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| IDES ISM Project | | April 2001 15 | | | | | | | | | | | |
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| Today's Date: Project as of Date: | | ##### | | R E T R O | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | |
| Name | | | | | | | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | |
| Review Architecture and Make Adjustments if Necessary | | Cmpl | | | | | | | | | | | |
| MUR-Approved Final List of HW/SW Products | | Cmpl | | | | | | 04/16/1999 | | 07/16/1999 | | TS | |
| Enterprise Java Beans Research | | Cmpl | | | | | | | | | | LL | |
| | | | | | | | | | | | | MC | |
| | | | | | | | | | | | | SG | |
| | | | | | | | | 06/11/1999 | | 06/11/1999 | | LL | |
| | | | | | | | | 07/16/1999 | | 06/11/1999 | | SG2 | |
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| IDES ISM Project | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 15 | | Total Actual Hours | | ETC | | Total | | Variance | |
|---|--|-----------|--|----------------------|--|--------------------|--|-------------------------|--|------------------|--|--------------------|--|-----|--|-------|--|----------|--|
| Name | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | | | Total Actual Hours | | ETC | | Total | | Variance | |
| Performance Load Generation, Monitoring, & Analysis | | Cmpl | | 04/16/1999 | | 04/19/1999 | | LL 4.0 | | | | 10.0 | | 0.0 | | 10.0 | | -6.0 | |
| Vendor-provided Training Requirements | | Cmpl | | 04/05/1999 | | 04/05/1999 | | AB 4.0 | | | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Vendor Support Requirements | | Cmpl | | 04/16/1999 | | 04/19/1999 | | LL 4.0 | | | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Develop High Level Cost Estimate of 2nd Procurement | | Cmpl | | 04/05/1999 | | 04/05/1999 | | AB 4.0 | | | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Review Procurement Request with Sponsors | | Cmpl | | 04/16/1999 | | 04/19/1999 | | LL 4.0 | | | | 1.0 | | 0.0 | | 1.0 | | 3.0 | |
| Assist with Developing Procurement Request | | Cmpl | | 04/05/1999 | | 04/05/1999 | | MG 4.0 | | | | 4.0 | | 0.0 | | 4.0 | | 0.0 | |
| Assist with Developing Procurement Request | | Cmpl | | 04/16/1999 | | 06/11/1999 | | AB 4.0 | | | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Develop Cost Model | | Cmpl | | 04/05/1999 | | 04/02/1999 | | MG 48.0 | | | | 0.0 | | 0.0 | | 40.0 | | 8.0 | |
| Develop Server Hardware Requirements | | Cmpl | | 04/23/1999 | | 05/28/1999 | | MC 2.0 | | | | 2.0 | | 0.0 | | 2.0 | | 2.0 | |
| Develop Rack Plan and Diagram | | Cmpl | | 04/05/1999 | | 04/05/1999 | | TS 60.0 | | | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Develop Battery Backup Requirements | | Cmpl | | 04/16/1999 | | 05/17/1999 | | LL 4.0 | | | | 40.0 | | 0.0 | | 40.0 | | 8.0 | |
| Reserve for Procurement Request | | Cmpl | | 04/05/1999 | | 04/05/1999 | | MC 40.0 | | | | 72.0 | | 0.0 | | 72.0 | | -12.0 | |
| Update Procurement Documents | | Cmpl | | 04/16/1999 | | 04/16/1999 | | LL 4.0 | | | | 20.0 | | 0.0 | | 20.0 | | -20.0 | |
| Document Technical Architecture | | Cmpl | | 04/05/1999 | | 04/05/1999 | | LL 36.0 | | | | 36.0 | | 0.0 | | 36.0 | | -36.0 | |
| Review and Update Technical Architecture Document | | Cmpl | | 04/16/1999 | | 04/16/1999 | | LL 4.0 | | | | 4.0 | | 0.0 | | 4.0 | | -4.0 | |
| | | | | | | | | 04/12/1999 | | | | 6.0 | | 0.0 | | 6.0 | | -6.0 | |
| | | | | | | | | 04/16/1999 | | | | 0.0 | | 0.0 | | 0.0 | | 40.0 | |
| | | | | | | | | 05/03/1999 | | | | 4.0 | | 0.0 | | 4.0 | | -4.0 | |
| | | | | | | | | 06/11/1999 | | | | | | | | | | | |
| | | | | | | | | 06/01/1999 | | | | 8.0 | | 0.0 | | 8.0 | | -8.0 | |
| | | | | | | | | 07/16/1999 | | | | 4.0 | | 0.0 | | 4.0 | | -4.0 | |

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| IDES ISM Project | | April 2001 | | | | | | | | | | | |
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| Today's Date: Project as of Date: | | R E T R O | | Status | | ##### | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | |
| Name | | Status | | ##### | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | Total Actual Hours | |
| Variance | | ETC | | Total | | Total Actual Hours | | ETC | | Total | | Variance | |
| Support Procurement | | Cmpl | | | | 06/25/1999 12/10/1999 | | TS | | 61.0 | | -61.0 | |
| Procurement Milestones | | Cmpl | | | | 04/09/1999 | | MC | | | | | |
| Decision Memorandum to the Director (Dom Revane) | | Cmpl | | | | 07/30/1999 | | SG | | | | | |
| MJR - Procurement Request Ready to go to Paulucc | | Cmpl | | | | 04/16/1999 | | LL | | | | | |
| | | Cmpl | | | | 04/16/1999 | | MC | | | | | |
| | | Cmpl | | | | 04/23/1999 | | MG | | | | | |
| | | Cmpl | | | | 04/23/1999 | | AB | | | | | |
| | | Cmpl | | | | 04/23/1999 | | AB | | | | | |
| | | Cmpl | | | | 04/23/1999 | | LL | | | | | |
| | | Cmpl | | | | 04/26/1999 | | SG | | | | | |
| 3 weeks at CMS to Post | | Cmpl | | | | 06/28/1999 | | SG | | | | | |
| 2 weeks for bids due | | Cmpl | | | | 05/14/1999 | | MC | | | | | |
| 1 week to evaluate bids (and get the Director's approval) | | Cmpl | | | | 05/17/1999 | | SG | | | | | |
| Evaluate Bids & Document Selection (orig 2 weeks) | | Cmpl | | | | 05/28/1999 | | MC | | | | | |
| | | Cmpl | | | | 06/01/1999 | | MC | | | | | |
| | | Cmpl | | | | 06/11/1999 | | SG | | | | | |
| | | Cmpl | | | | 06/01/1999 | | TS | | | | | |
| | | Cmpl | | | | 06/11/1999 | | MC | | | | | |
| | | Cmpl | | | | 06/11/1999 | | MG | | | | | |
| | | Cmpl | | | | 06/11/1999 | | AB | | | | | |
| | | Cmpl | | | | 06/11/1999 | | LL | | | | | |
| 1 week for CMS to approve (orig 2 weeks) | | Cmpl | | | | 06/14/1999 | | SG | | | | | |
| 2 weeks to post award (includes protest) | | Cmpl | | | | 06/25/1999 | | MC | | | | | |
| Contract concurrent with protest period (orig 1 week) | | Cmpl | | | | 06/28/1999 | | SG | | | | | |
| | | Cmpl | | | | 07/12/1999 | | MC | | | | | |
| | | Cmpl | | | | 07/12/1999 | | MC | | | | | |
| | | Cmpl | | | | 07/16/1999 | | SG | | | | | |
| | | Cmpl | | | | 07/16/1999 | | SG | | | | | |

| IDES ISM Project | | April 2001 | | | | | | | | | | | |
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| Today's Date: | | 15 | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | | |
| Name | Status | RETRO | Baseline Start / End | Actual Start / End | Assn. | Baseline Estimate | Total Actual Hours | ETC | Total | Variance | | | |
| 3 weeks for delivery of HW and SW | Cmpl | | 07/16/1999 | 11/12/1999 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| MJR HW & SW Delivered by Vendors | Cmpl | | 07/19/1999 | 09/27/1999 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | 07/30/1999 | 11/23/1999 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | 07/30/1999 | 11/23/1999 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | 07/30/1999 | 11/23/1999 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Procure Tools and Utilities to Suppo | | | | | | | | | | | | | |
| Research Tools and Utilities | Cmpl | | 11/01/1999 | 05/14/1999 | MG | 0.0 | 8.0 | 0.0 | 8.0 | -8.0 | | | |
| | | | 12/17/1999 | 06/25/1999 | TS | 16.0 | 16.0 | 0.0 | 16.0 | 0.0 | | | |
| | | | | | AB | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 | | | |
| Prepare Recommendation | Cmpl | | 11/01/1999 | 05/14/1999 | MG | 0.0 | 16.0 | 0.0 | 16.0 | -16.0 | | | |
| | | | 12/17/1999 | 06/25/1999 | TS | 16.0 | 16.0 | 0.0 | 16.0 | 0.0 | | | |
| | | | | | AB | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 | | | |
| Review for Approval | Cmpl | | 11/01/1999 | 05/14/1999 | MG | 0.0 | 8.0 | 0.0 | 8.0 | -8.0 | | | |
| | | | 12/17/1999 | 06/25/1999 | TS | 16.0 | 6.0 | 0.0 | 6.0 | 10.0 | | | |
| | | | | | AB | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 | | | |
| Develop Procurement Request | Cmpl | | 11/01/1999 | 05/14/1999 | LL | 0.0 | 16.0 | 0.0 | 16.0 | -16.0 | | | |
| | | | 12/17/1999 | 06/25/1999 | TS | 16.0 | 34.0 | 0.0 | 34.0 | -18.0 | | | |
| | | | | | AB | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 | | | |
| Tools and Utilities Procurement Mile | | | | | | | | | | | | | |
| Decision Memorandum to the Director (Tom Revane) | Cmpl | | 01/07/2000 | 01/07/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Procurement Request Ready to go to Paulucci | Cmpl | | 01/14/2000 | 01/14/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | TS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | AB | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | AB | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Procurement Request Ready to go to CMS | Cmpl | | 01/21/2000 | 01/21/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | TS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | | | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 3 weeks at CMS to Post | Cmpl | | 01/24/2000 | 01/24/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| | | | 02/11/2000 | 02/11/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| 2 weeks for bids due | Cmpl | | 02/14/2000 | 02/14/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |

| IDES ISM Project | | April 2001 | | | | | | | | | | | | | |
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| Today's Date: Project as of Date: | | 15 | | | | | | | | | | | | | |
| Name | Status | R | E | T | R | O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| 2 weeks to evaluate bids | Cmpl | | | | | | 02/25/2000 | 02/25/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Evaluate Bids & Document Selection (2 wks) | Cmpl | | | | | | 02/28/2000 | 02/28/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | | 03/10/2000 | 03/10/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | | 02/28/2000 | 02/28/2000 | AB | 32.0 | 0.0 | 0.0 | 0.0 | 32.0 | |
| | | | | | | | 03/10/2000 | 03/10/2000 | MC | 32.0 | 0.0 | 0.0 | 0.0 | 32.0 | |
| | | | | | | | | | TS | 32.0 | 0.0 | 0.0 | 0.0 | 32.0 | |
| 2 weeks for CMS to approve | Cmpl | | | | | | 03/13/2000 | 03/13/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | | 03/24/2000 | 03/24/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 2 weeks for post award (includes protest) | Cmpl | | | | | | 03/27/2000 | 03/27/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | | 04/07/2000 | 04/07/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| 1 week to contract | Cmpl | | | | | | 04/10/2000 | 04/10/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | | 04/14/2000 | 04/14/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Approved Contracts with all ISM Vendors | Cmpl | | | | | | | | SG | | | | | | |
| | | | | | | | 04/14/2000 | 04/14/2000 | MC | | | | | | |
| 2 weeks for delivery of tools and Utilities | Cmpl | | | | | | 04/17/2000 | 04/17/2000 | SG | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | | 04/28/2000 | 04/28/2000 | MC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| Tools and Utilities SW Delivered by Vendors | Cmpl | | | | | | | | SG | | | | | | |
| | | | | | | | 04/28/2000 | 04/28/2000 | MC | | | | | | |
| Develop User Interface Prototyping Effort | | | | | | | | | | | | | | | |
| Develop and refine prototyping standards | Cmpl | | | | | | 03/01/1999 | 03/01/1999 | LL | 10.0 | 2.0 | 0.0 | 2.0 | 8.0 | |
| | | | | | | | 04/23/1999 | 06/18/1999 | | | | | | | |
| Support Prototype Developers | Cmpl | | | | | | 03/22/1999 | 03/22/1999 | BK | 40.0 | 45.0 | 0.0 | 45.0 | -5.0 | |
| | | | | | | | 05/28/1999 | 06/07/1999 | LL | 20.0 | 16.0 | 0.0 | 16.0 | 4.0 | |
| Unplanned - Tech support for extra prototype present | Cmpl | | | | | | | 05/07/1999 | BK | | 32.0 | 0.0 | 32.0 | -32.0 | |
| | | | | | | | | 07/16/1999 | MG | | 4.0 | 0.0 | 4.0 | -4.0 | |
| | | | | | | | | | TS | | 12.0 | 0.0 | 12.0 | -12.0 | |
| | | | | | | | | | LL | | 20.0 | 0.0 | 20.0 | -20.0 | |
| Document Frequently Asked Questions | Cmpl | | | | | | 05/28/1999 | 05/28/1999 | BK | | 4.0 | 0.0 | 4.0 | -4.0 | |
| | | | | | | | 07/30/1999 | | | | | | | | |
| Support State Fair Presentation | | | | | | | | | | | | | | | |

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| IDES ISM Project | | ##### | R E T R O | | | | | April 2001 15 | | | | |
| Today's Date: Project as of Date: | | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | | | Total Actual Hours | ETC | Total | Variance |
| Name | | | | | | | | | | | | |
| Unplanned - Tech support for State Fair Presentation | | Cmpl | | | | | | | 36.0 | 0.0 | 36.0 | -36.0 |
| Develop Application Architecture | | | | | | | | | | | | |
| Start DAA Subphase | | | | | | | | | | | | |
| Review Application Architecture | | Cmpl | | 02/01/1999 02/12/1999 | 02/01/1999 02/12/1999 | 10.0 | | | 10.0 | 0.0 | 10.0 | 0.0 |
| Develop Web Site Architecture | | | | | | | | | | | | |
| Web Site Vision/Look&Feel | | Cmpl | | 02/05/1999 03/12/1999 | 02/05/1999 03/12/1999 | 38.0 | | | 38.0 | 0.0 | 38.0 | 0.0 |
| Content & Functionality, Goals, Target Audience | | Cmpl | | 02/12/1999 03/26/1999 | 02/12/1999 03/26/1999 | 4.0 0.0 | | | 4.0 0.0 | 0.0 0.0 | 4.0 0.0 | 0.0 0.0 |
| Organization, Navigation, Labeling, Searching, System | | Cmpl | | 02/12/1999 04/09/1999 | 02/12/1999 04/09/1999 | 0.0 8.0 | | | 7.0 0.0 | 0.0 0.0 | 7.0 0.0 | -7.0 8.0 |
| Document Web Site Architecture | | Cmpl | | 03/29/1999 04/16/1999 | 03/29/1999 04/16/1999 | 4.0 0.0 | | | 4.0 6.0 | 0.0 0.0 | 4.0 6.0 | 0.0 -6.0 |
| Approved Web Site Architecture | | Cmpl | | 04/16/1999 | 04/16/1999 | 12.0 | | | 8.0 0.0 | 0.0 0.0 | 8.0 0.0 | -8.0 12.0 |
| Develop Application Architecture Mo | | | | | | | | | | | | |
| Develop and Document Application Architecture | | Cmpl | | | | | | | | | | |
| Develop and Document Application Infrastructure Arc | | Cmpl | | 08/02/1999 08/20/1999 | 08/02/1999 08/20/1999 | 41.0 | | | 41.0 | 0.0 | 41.0 | -41.0 |
| Derive Program Inventory (Including Common) | | Cmpl | | 05/03/1999 07/02/1999 | 05/03/1999 07/02/1999 | 0.0 16.0 | | | 8.0 87.0 | 0.0 0.0 | 8.0 87.0 | -8.0 -87.0 |
| | | | | | | | | | 38.0 | 0.0 | 38.0 | -38.0 |
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| IDES ISM Project | | April 2005 | | | | | | | | | |
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| Name | | Status | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn/ Baseline Estimate | |
| Approved Program Inventory | | Cmpl | | | | 07/02/1999 | | 10/15/1999 | | SG BK | |
| System Flow Diagram | | Cmpl | | | | 05/03/1999 | | 05/03/1999 | | TS | |
| | | | | | | 07/09/1999 | | 09/03/1999 | | CJ | |
| | | | | | | | | | | LL | |
| High Level Storyboard | | Cmpl | | | | 05/03/1999 | | 05/03/1999 | | BK | |
| | | | | | | 07/09/1999 | | 08/20/1999 | | LL | |
| | | | | | | 05/03/1999 | | 05/03/1999 | | BK | |
| Appl Infrastructure Arch - Web Browser Design Std | | Cmpl | | | | 07/09/1999 | | 09/13/1999 | | TS | |
| | | | | | | | | | | LL | |
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| Appl Infrastructure Arch - Object Arch | | Cmpl | | | | 05/03/1999 | | 05/03/1999 | | TS | |
| | | | | | | 07/09/1999 | | 09/03/1999 | | CJ | |
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| Develop Security Architecture | | Cmpl | | | | 05/03/1999 | | 05/03/1999 | | TS | |
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| Create Application Development Standards | | Cmpl | | | | 05/03/1999 | | 05/03/1999 | | TS | |
| | | | | | | 07/09/1999 | | 11/08/1999 | | CJ | |
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| Schedule time to review Application Architecture | | Cmpl | | | | 06/04/1999 | | 06/04/1999 | | TS | |
| | | | | | | 08/11/1999 | | 08/11/1999 | | MG | |
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| Approved Security Architecture | | Cmpl | | 07/02/1999 | | SG BK | | 18.0 | | 0.0 | |
| Approved Application Architecture Model | | Cmpl | | 07/02/1999 | | SG LL BK | | 18.0 | | 0.0 | |
| Confirm Application Infrastructure A | | | | | | | | | | | |
| Proof of Concept - NAS Extensions and Common Ob | | Cmpl | | 07/06/1999 | | LL | | 18.0 | | 0.0 | |
| Proof of Concept - DB2 UDB JAVA Stored Procedure | | Cmpl | | 09/27/1999 | | AB | | 35.0 | | 0.0 | |
| Proof of Concept - Client Side | | Cmpl | | 07/06/1999 | | LL | | 35.0 | | 0.0 | |
| Review Application Arch Work | | Cmpl | | 09/27/1999 | | LL | | 15.0 | | 0.0 | |
| Conclude DAA Subphase | | Cmpl | | 08/13/1999 | | LL | | 13.0 | | 0.0 | |
| Develop Application Architecture Subphase | | Cmpl | | 09/10/1999 | | LL | | 8.0 | | 0.0 | |
| Develop Data Architecture (DD) | | | | | | | | | | | |
| Start DDA Subphase | | Cmpl | | 09/24/1999 | | MC BK LL | | 26.0 | | 0.0 | |
| Review Data Architecture Approach | | Cmpl | | 02/01/1999 | | AB | | 26.0 | | 0.0 | |
| Refine Logical Data Model | | Cmpl | | 02/12/1999 | | BK | | 16.0 | | 0.0 | |
| Assist with developing logical data model | | Cmpl | | 05/17/1999 | | BK | | 16.0 | | 0.0 | |
| | | | | 06/18/1999 | | | | | | | |

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| Name | | | | | | | | | | | | | | Total Actual Hours | ETC | Total | Variance |
| Develop Initial Logical Data Model in PowerDesigner | | | | | | | | | | | | | | | | | |
| Entity Relationship Diagram | Cmpl | | | | | 02/08/1999 | 03/26/1999 | 02/08/1999 | AB | 22.0 | | | 22.0 | 0.0 | 22.0 | 0.0 | |
| Entity Definitions | Cmpl | | | | | 04/19/1999 | 05/07/1999 | 04/16/1999 | AB | 32.0 | | | 32.0 | 0.0 | 32.0 | 0.0 | |
| Relationship Definitions | Cmpl | | | | | 05/10/1999 | 05/21/1999 | 04/23/1999 | AB | 16.0 | | | 16.0 | 0.0 | 16.0 | 0.0 | |
| Business Data Rules | Cmpl | | | | | 05/21/1999 | 05/10/1999 | 04/23/1999 | AB | 16.0 | | | 17.0 | 0.0 | 17.0 | -1.0 | |
| Attribute Definitions | Cmpl | | | | | 05/24/1999 | 06/04/1999 | 04/23/1999 | AB | 16.0 | | | 16.0 | 0.0 | 16.0 | 0.0 | |
| Refine Logical Data Model | Cmpl | | | | | 07/02/1999 | 06/14/1999 | 07/02/1999 | AB | 60.0 | | | 60.0 | 0.0 | 60.0 | 0.0 | |
| | Cmpl | | | | | 07/09/1999 | 07/09/1999 | 05/28/1999 | AB | 40.0 | | | 40.0 | 0.0 | 40.0 | 0.0 | |
| Review Logical Data Model | | | | | | | | | | | | | | | | | |
| Schedule time with Bill Backs | Cmpl | | | | | 05/21/1999 | 05/21/1999 | 05/21/1999 | AB | | | | | | | | |
| Review Logical Data Model With Bill Backs | Cmpl | | | | | 06/11/1999 | 06/11/1999 | 06/04/1999 | BK | 0.0 | | | 8.0 | 0.0 | 8.0 | -8.0 | |
| | | | | | | 06/11/1999 | 06/11/1999 | 06/11/1999 | MC | 4.0 | | | 0.0 | 0.0 | 0.0 | 4.0 | |
| | | | | | | | | 06/11/1999 | WB | 6.0 | | | 10.0 | 0.0 | 10.0 | -4.0 | |
| | | | | | | | | | AB | 4.0 | | | 8.0 | 0.0 | 8.0 | -4.0 | |
| Finalize Logical Data Model | | | | | | | | | | | | | | | | | |
| Finalize Attribute Definitions | Cmpl | | | | | 07/12/1999 | 07/12/1999 | 07/12/1999 | AB | | | | 9.0 | 0.0 | 9.0 | -9.0 | |
| Review Logical Data Model with Sandy Grepling | Cmpl | | | | | 07/23/1999 | 07/23/1999 | 07/26/1999 | AB | | | | 1.0 | 0.0 | 1.0 | -1.0 | |
| | Cmpl | | | | | 08/20/1999 | 08/20/1999 | 08/20/1999 | | | | | | | | | |
| | Cmpl | | | | | 06/11/1999 | 06/11/1999 | 06/11/1999 | AB | 20.0 | | | 16.0 | 0.0 | 16.0 | 4.0 | |
| | Cmpl | | | | | 07/30/1999 | 07/30/1999 | 07/30/1999 | AB | 30.0 | | | 24.0 | 0.0 | 24.0 | 6.0 | |
| | Cmpl | | | | | 07/30/1999 | 07/30/1999 | 07/30/1999 | LL | | | | | | | | |
| | Cmpl | | | | | 07/30/1999 | 07/30/1999 | 07/30/1999 | BK | | | | | | | | |
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| Name | | ##### | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
| Unplanned - Install Temporary Database Server | | Cmpl | | | | | | | | | | | | 2.0 | | 0.0 | | 2.0 | | -2.0 | |
| Install Software on Developer's Workstations and Su | | Cmpl | | | | | | | | | | | | 3.0 | | 0.0 | | 3.0 | | -3.0 | |
| | | | | | | | | | | | | | | 53.0 | | 0.0 | | 53.0 | | -53.0 | |
| | | | | | | | | | | | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | |
| | | | | | | | | | | | | | | 14.0 | | 0.0 | | 14.0 | | -14.0 | |
| | | | | | | | | | | | | | | 2.0 | | 0.0 | | 2.0 | | -2.0 | |
| Development Workstation Upgrades Completed | | Cmpl | | | | | | | | | | | | 3.0 | | 0.0 | | 3.0 | | 29.0 | |
| Manage Vendor HW & SW Install | | Cmpl | | | | | | | | | | | | 20.0 | | 0.0 | | 20.0 | | -4.0 | |
| Verify Installation of Development HW & SW | | Cmpl | | | | | | | | | | | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| Development Environment Installation Verified | | Cmpl | | | | | | | | | | | | 6.0 | | 0.0 | | 6.0 | | 10.0 | |
| Verify/Complete Installation of Production HW & SW | | Cmpl | | | | | | | | | | | | 77.0 | | 0.0 | | 77.0 | | -77.0 | |
| | | | | | | | | | | | | | | 164.0 | | 0.0 | | 164.0 | | -156.0 | |
| Verify/Complete Installation of Production HW & SW | | Cmpl | | | | | | | | | | | | 17.0 | | 0.0 | | 17.0 | | -1.0 | |
| Production Environment Installation Verified | | Cmpl | | | | | | | | | | | | 0.0 | | 0.0 | | 0.0 | | 16.0 | |
| Verify/Complete Installation of Production HW & W | | Cmpl | | | | | | | | | | | | 48.0 | | 0.0 | | 48.0 | | -48.0 | |
| Support Sun HW/SW Install | | Cmpl | | | | | | | | | | | | 15.0 | | 0.0 | | 15.0 | | -15.0 | |
| Prepare Development Environment | | Cmpl | | | | | | | | | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | |
| Install and Configure UDB EEE | | Cmpl | | | | | | | | | | | | 8.0 | | 0.0 | | 8.0 | | -8.0 | |
| | | | | | | | | | | | | | | 8.0 | | 0.0 | | 8.0 | | -8.0 | |
| Create Dev Database Environment | | Cmpl | | | | | | | | | | | | 33.0 | | 0.0 | | 33.0 | | -33.0 | |
| | | | | | | | | | | | | | | 1.0 | | 0.0 | | 1.0 | | 7.0 | |

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| Name | | | | | | | | | | | |
| Create Dev Server Environment | | Cmpl | | 08/13/1999 | 01/10/2000 | AB | 16.0 | 16.0 | 0.0 | 16.0 | 0.0 |
| Create Dev File Structure | | Cmpl | | 08/02/1999 | 12/06/1999 | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| Create Dev Back-up processes | | Cmpl | | 08/13/1999 | 01/10/2000 | LL | 32.0 | 32.0 | 0.0 | 32.0 | 0.0 |
| Test the Development Environment | | Cmpl | | 08/02/1999 | 10/15/1999 | DH | 0.0 | 44.0 | 0.0 | 44.0 | -44.0 |
| | | | | 08/13/1999 | 12/10/1999 | TS | 8.0 | 1.0 | 0.0 | 1.0 | 7.0 |
| | | | | 08/02/1999 | 01/03/2000 | AB | 16.0 | 4.0 | 0.0 | 4.0 | 12.0 |
| | | | | 08/13/1999 | 01/21/2000 | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | 08/02/1999 | 12/20/1999 | AB | 8.0 | 12.0 | 0.0 | 12.0 | -4.0 |
| | | | | 08/13/1999 | 01/11/2000 | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | | | LL | 8.0 | 8.0 | 0.0 | 8.0 | 0.0 |
| Support Development Environment Preparation | | Cmpl | | | 11/12/1999 | DH | | 1.0 | 0.0 | 1.0 | -1.0 |
| | | | | | 12/20/1999 | RC | | 8.0 | 0.0 | 8.0 | -8.0 |
| Create Production Database Environment | | Cmpl | | 06/19/2000 | 04/17/2000 | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 06/30/2000 | 04/28/2000 | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| Create Production Test Server environment | | Cmpl | | 06/19/2000 | 04/17/2000 | AB | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| | | | | 06/30/2000 | 04/28/2000 | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 07/17/2000 | 05/15/2000 | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | 07/21/2000 | 05/26/2000 | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | AB | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | | | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| Create Performance Test Database Environment | | Cmpl | | 05/01/2000 | 03/01/2000 | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | 05/12/2000 | 03/14/2000 | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | | | AB | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| | | | | | | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | | | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | AB | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| | | | | | | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| | | | | | | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Test Performance Test Environment | | Cmpl | | 05/01/2000 | 03/01/2000 | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

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| Name | Project as of Date: | Today's Date: | Support Production Database Config/Install | Support Preparation of Production Machines | Install Tools and Utilities | Install and test tools and Utilities | Test the Environment | Create Back-up processes | Create File Structure | Create Server environment | Create Database Environment | Support Production Database Config/Install | Prepare Production Machines for Te | MJR Approved Install of HW & SW | |
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| IDES ISM Project | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 | Total Actual Hours | | ETC | Total | Variance |
|--|--|-----------|--|----------------------|--|--------------------|--|-------------------------|--|------------|--------------------|--|-----|-------|----------|
| Today's Date: Project as of Date: | | ##### | | Status | | | | | | 15 | | | | | |
| Name | | | | | | | | | | | | | | | |
| 1-Code/Test ISM BaseAppLogic | | Cmpl | | 06/15/1999 | | 07/02/1999 | | CJ | | 40.0 | 129.0 | | 0.0 | 129.0 | -89.0 |
| Home, Logoff, Help Buttons | | Cmpl | | 06/15/1999 | | 04/07/2000 | | CJ | | | 10.0 | | 0.0 | 10.0 | -10.0 |
| Infrastructure for "pretty" screen names | | Cmpl | | | | 03/06/2000 | | CJ | | | 4.0 | | 0.0 | 4.0 | -4.0 |
| Infrastructure for multiple submit | | Cmpl | | | | 04/10/2000 | | CJ | | | 71.0 | | 0.0 | 71.0 | -71.0 |
| 1-Code/Test ISM Resource | | Cmpl | | 06/15/1999 | | 07/16/1999 | | CJ | | 4.0 | 2.0 | | 0.0 | 2.0 | 2.0 |
| 1-Code/Test ISM Resource | | Cmpl | | 06/15/1999 | | 09/13/1999 | | CJ | | 4.0 | 9.0 | | 0.0 | 9.0 | -5.0 |
| Code/Test ISM State | | Cmpl | | 06/15/1999 | | 07/16/1999 | | CJ | | 4.0 | 0.0 | | 0.0 | 0.0 | 4.0 |
| Code/test ISM State | | Cmpl | | 06/15/1999 | | 09/13/1999 | | CJ | | 4.0 | 0.0 | | 0.0 | 0.0 | 4.0 |
| Build Shared Infrastructure Components | | Cmpl | | 06/15/1999 | | 07/30/1999 | | CJ | | 4.0 | 0.0 | | 0.0 | 0.0 | 4.0 |
| 3-Code/Test List Paging Object | | Cmpl | | 06/15/1999 | | 08/16/1999 | | CJ | | 4.0 | 0.0 | | 0.0 | 0.0 | 4.0 |
| 2-Code/Test Forms Submission (common client side) | | Cmpl | | 06/15/1999 | | 08/16/1999 | | CJ | | 4.0 | 0.0 | | 0.0 | 0.0 | 4.0 |
| 2-Code/Test Tabs (common client side) | | Cmpl | | 06/15/1999 | | 08/16/1999 | | LL | | | 99.0 | | 0.0 | 99.0 | -99.0 |
| 2-Code/Test Form Validation (common client side) | | Cmpl | | | | 11/15/1999 | | LL | | | 71.0 | | 0.0 | 71.0 | -71.0 |
| 2-Code/Test Error Processing (common client side) | | Cmpl | | | | 01/17/2000 | | LL | | | 20.0 | | 0.0 | 20.0 | -20.0 |
| 2-Code/Test Field Modification Processing (common client side) | | Cmpl | | | | 10/22/1999 | | KD | | | 16.0 | | 0.0 | 16.0 | -16.0 |
| 2-Code/Test Browser Identification (common client side) | | Cmpl | | | | 11/15/1999 | | TS | | | 30.0 | | 0.0 | 30.0 | -30.0 |
| 2-Code/Test Style Sheet Organization (common client side) | | Cmpl | | | | 10/01/1999 | | TS | | | 30.0 | | 0.0 | 30.0 | -30.0 |
| 2-Code/Test Error Processing (common client side) | | Cmpl | | | | 12/10/1999 | | KD | | | 30.0 | | 0.0 | 30.0 | -30.0 |
| 2-Code/Test Field Modification Processing (common client side) | | Cmpl | | | | 10/22/1999 | | KD | | | 30.0 | | 0.0 | 30.0 | -30.0 |
| 2-Code/Test Browser Identification (common client side) | | Cmpl | | | | 12/01/1999 | | KD | | | 30.0 | | 0.0 | 30.0 | -30.0 |
| 2-Code/Test Style Sheet Organization (common client side) | | Cmpl | | | | 10/25/1999 | | KD | | | 30.0 | | 0.0 | 30.0 | -30.0 |
| 2-Code/Test Error Processing (common client side) | | Cmpl | | | | 12/01/1999 | | KD | | | 1.0 | | 0.0 | 1.0 | -1.0 |
| 2-Code/Test Field Modification Processing (common client side) | | Cmpl | | | | 11/19/1999 | | KD | | | 18.0 | | 0.0 | 18.0 | -18.0 |
| 2-Code/Test Browser Identification (common client side) | | Cmpl | | | | 11/29/1999 | | TS | | | 28.0 | | 0.0 | 28.0 | -28.0 |
| 2-Code/Test Style Sheet Organization (common client side) | | Cmpl | | | | 03/17/2000 | | TL1 | | | | | | | |
| 2-Code/Test Error Processing (common client side) | | Cmpl | | | | 10/18/1999 | | TS | | | | | | | |
| 2-Code/Test Style Sheet Organization (common client side) | | Cmpl | | | | 11/22/1999 | | TL1 | | | | | | | |

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|---|-------|--------|---|---|---|---|----------------------------|--------------------------|----------------------------|-----------------|--------------------------|-----|-------|----------|
| IDES ISM Project | ##### | R | E | T | R | O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: Project as of Date: | ##### | Status | | | | | | | | | | | | |
| Name | | | | | | | | | | | | | | |
| 2-Code/Test ISM Browser Window (common client side) | Cmpl | | | | | | | 03/15/2000: TS | | | 0.0 | 0.0 | 0.0 | 0.0 |
| 2-Code/Test Printing (common client side) | Cmpl | | | | | | | 03/17/2000 | | | 0.0 | 0.0 | 0.0 | 0.0 |
| 2-Code/Test Other (common client side) | Cmpl | | | | | | | 03/15/2000: TS | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Code/Test M/F Batch Infrastructure (stats,chkp/xrst,e | Cmpl | | | | | | | 03/17/2000 | | | 59.0 | 0.0 | 59.0 | -59.0 |
| Review Mainframe Shell Program for batch Chkp/rst | Cmpl | | | | | | | 10/25/1999: KD | | | 2.0 | 0.0 | 2.0 | -2.0 |
| Code/Test Unix shell program for chkp/rst | Cmpl | | | | | | | 01/07/2000 | | | 4.0 | 0.0 | 4.0 | -4.0 |
| Code/Test Unix shell program | Cmpl | | | | | | | 11/26/1999: RC | | | 6.0 | 0.0 | 6.0 | -6.0 |
| Code/Test Unix shell program | Cmpl | | | | | | | 12/22/1999 | | | 37.0 | 0.0 | 37.0 | -37.0 |
| Description of how and when to use chkp/rst for Dev. | Cmpl | | | | | | | 10/25/1999: BK | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Design Batch Error Handling | Cmpl | | | | | | | 10/25/1999 | | | 14.0 | 0.0 | 14.0 | -14.0 |
| Code/Test Batch Error Handling | Cmpl | | | | | | | 11/08/1999: BK | | | 2.0 | 0.0 | 2.0 | -2.0 |
| Design Batch Program Execution Performance Stats | Cmpl | | | | | | | 11/29/1999 | | | 8.0 | 0.0 | 8.0 | -8.0 |
| Code/Test Batch Program Execution Performance St | Cmpl | | | | | | | 11/15/1999: MS1 | | | 2.0 | 0.0 | 2.0 | -2.0 |
| Code/Test COBOL call to SPROC | Cmpl | | | | | | | 12/10/1999 | | | 5.0 | 0.0 | 5.0 | -5.0 |
| 1-Code/Test ApplicationMgr Stub-obsolete | Cmpl | | | | | | | 02/21/2000: BK | | | 0.0 | 0.0 | 0.0 | 0.0 |
| 1-Code/Test SecurityMgr Stub-obsolete | Cmpl | | | | | | | 02/21/2000 | | | 14.0 | 0.0 | 14.0 | -14.0 |
| 1-Code/Test ErrorMgr Stub | Cmpl | | | | | | | 10/29/1999: RC | | | 2.0 | 0.0 | 2.0 | -2.0 |
| 1-Code/Test List Paging Object Stub | Cmpl | | | | | | | 11/22/1999 | | | 8.0 | 0.0 | 8.0 | -8.0 |
| | | | | | | | | 11/19/1999: RC | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | | | | | | | | 12/20/1999 | | | 5.0 | 0.0 | 5.0 | -5.0 |
| | | | | | | | | 10/29/1999: RC | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 11/19/1999 | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | | | | | | | | 12/13/1999 | | | 8.0 | 0.0 | 8.0 | -8.0 |
| | | | | | | | | 01/14/2000: MS1 | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | | | | | | | | 02/04/2000 | | | 5.0 | 0.0 | 5.0 | -5.0 |
| | | | | | | | | 01/18/2000: CJ | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 02/03/2000 | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | | | | | | | | 12/14/1999: CJ | | | 8.0 | 0.0 | 8.0 | -8.0 |
| | | | | | | | | 01/24/2000 | | | 4.0 | 0.0 | 4.0 | -4.0 |
| | | | | | | | | 10/25/1999: CJ | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | 10/26/1999 | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | | | | | | | | 12/10/1999: CJ | | | 8.0 | 0.0 | 8.0 | -8.0 |
| | | | | | | | | 12/16/1999 | | | 4.0 | 0.0 | 4.0 | -4.0 |

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| IDES ISM Project | | ##### | R | E | T | R | O | April 2001 15 | | | | |
| Today's Date: Project as of Date: | | Status | | | | | | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Name | | | Baseline Start / End | Actual Start / End | Assn | | | | | | | |
| Reserve for Infrastructure CUT | | Cmpl | 08/25/1999 08/25/1999 | 08/25/1999 08/25/1999 | TL | | | 550.0 | 0.0 | 0.0 | 0.0 | 550.0 |
| Retrieve Next Sequential Number (SP046) | | Cmpl | | | AB | | | | 0.0 | 0.0 | 0.0 | 0.0 |
| PVCS Installation/Config/Documentation | | Cmpl | | | CJ | | | | 18.0 | 0.0 | 18.0 | -18.0 |
| Support for Development Team (Issues, Code Review) | | Cmpl | | | CJ | | | | 160.0 | 0.0 | 160.0 | -160.0 |
| PVCS support/Scripting Support/Source Migration | | Cmpl | | | CJ | | | | 48.0 | 0.0 | 48.0 | -48.0 |
| Support Development and Test | | | | | | | | | | | | |
| Operating System Administration | | Cmpl | | | DH | | | | 39.0 | 0.0 | 39.0 | -39.0 |
| Document System Administration and Operation Procedures | | Cmpl | | | TS | | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Document System Admin and Ops Procedures | | Cmpl | | | AB | | | | 11.5 | 0.0 | 11.5 | -11.5 |
| Operating System Administration | | Cmpl | 03/02/1999 06/30/2000 | 02/28/2000 07/03/2000 | GR | | | 374.0 | 97.0 | 0.0 | 97.0 | 277.0 |
| Operating System Administration | | Cmpl | 07/03/2000 07/23/2000 | 07/03/2000 07/28/2000 | AB | | | 32.0 | 0.0 | 0.0 | 0.0 | 32.0 |
| Operating System Administration | | Cmpl | | | DH | | | | 254.0 | 0.0 | 254.0 | -254.0 |
| Database Support and Maintenance | | | | | | | | | | | | |
| Implement and Test Database Backup and Recovery | | Cmpl | | | DH | | | | 7.0 | 0.0 | 7.0 | -7.0 |
| Maintain Physical Data Model (Unit test changes) | | Cmpl | 11/01/1999 03/31/2000 | 10/15/1999 04/17/2000 | RC | | | 0.0 | 254.0 | 0.0 | 254.0 | -254.0 |
| Support Databases | | Cmpl | | | AB | | | 300.0 | 44.0 | 0.0 | 44.0 | 256.0 |
| Resolving IBM DB2 UDB Technical Issues | | Cmpl | | | AF | | | | 281.0 | 0.0 | 281.0 | -281.0 |
| | | Cmpl | | | AB | | | | 284.0 | 0.0 | 284.0 | -284.0 |

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| IDES ISM Project | | April 2000 15 | | | | | | | |
| Today's Date: Project as of Date: | | | | | | | | | |
| Name | ##### R E T R O | Status | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Database Tuning | Cmpl | | | 05/15/2000 07/17/2000 | RC | 252.0 | 0.0 | 252.0 | -252.0 |
| Maintain Physical Data Model | Cmpl | | | 02/21/2000 07/17/2000 | RC | 66.0 | 0.0 | 66.0 | -66.0 |
| Support Coding and Unit Testing Create Development DB Instances on Unix | Cmpl | | | 02/14/2000 02/14/2000 | RC | 8.0 | 0.0 | 8.0 | -8.0 |
| Support Coding and Unit Testing | Cmpl | | 09/27/1999 03/31/2000 | 10/22/1999 04/14/2000 | RC BK | 263.0 522.0 | 0.0 0.0 | 263.0 522.0 | -263.0 258.0 |
| Review SQL and Stored Procedures | Cmpl | | 11/01/1999 03/31/2000 | 10/25/1999 04/17/2000 | RC AB | 80.0 93.0 | 0.0 0.0 | 80.0 93.0 | -80.0 207.0 |
| Support Coding and Unit Testing | Cmpl | | 09/27/1999 03/31/2000 | 11/01/1999 04/04/2000 | LL TS | 167.0 58.0 | 0.0 0.0 | 167.0 58.0 | 249.0 358.0 |
| HTML Tabs | Cmpl | | | 01/24/2000 01/24/2000 | TS | 37.0 | 0.0 | 37.0 | -37.0 |
| Support Coding and Unit Testing | Cmpl | | | 01/03/2000 04/10/2000 | TS | 167.0 | 0.0 | 167.0 | -167.0 |
| Support Coding and Unit Testing | Cmpl | | | 10/18/1999 04/04/2000 | AB | 150.0 | 0.0 | 150.0 | -150.0 |
| Support Development Environment | Cmpl | | | 10/18/1999 04/17/2000 | DH | 235.0 | 0.0 | 235.0 | -235.0 |
| Develop List Paging Sample | Cmpl | | | 12/06/1999 12/27/1999 | TS | 53.0 | 0.0 | 53.0 | -53.0 |
| Develop Stored Procedure Error Handling | Cmpl | | | 11/01/1999 12/23/1999 | RC AB | 2.0 4.0 | 0.0 0.0 | 2.0 4.0 | -2.0 -4.0 |
| Develop and Test HTML Templates | Cmpl | | | 09/27/1999 12/17/1999 | TS | 154.0 | 0.0 | 154.0 | -154.0 |
| Create Samples For Developers | Cmpl | | | 11/12/1999 01/03/2000 | LL | 56.0 | 0.0 | 56.0 | -56.0 |
| Test Calling Stored Procedures | Cmpl | | | 10/11/1999 10/29/1999 | LL | 12.0 | 0.0 | 12.0 | -12.0 |

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|--|-------|------------|----------------------------|--------------------------|----------------------------|--------------------------|------------|----------------|-----------------|--|--|
| IDES ISM Project | | April 2001 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | ##### | RETO | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | | |
| Research Re-usable Code in Stored Procedure | Cmpl | | | 09/27/1999 10/22/1999 | LL | 10.0 | 0.0 | 10.0 | -10.0 | | |
| Create System Test Environment | Cmpl | | | | MZ | | | | | | |
| Start creating system test environment | | | | 12/20/1999 | AB | | | | | | |
| Create System Test Database Environment | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 02/18/2000 | RC DH | 44.0 8.0 | 0.0 0.0 | 44.0 8.0 | -44.0 -8.0 | | |
| Create System Test Server environment | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 03/03/2000 | TS AB | 0.0 16.0 | 0.0 0.0 | 0.0 8.0 | 8.0 8.0 | | |
| Create System Test Back-up/Recover processes | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 02/14/2000 | DH TS | 12.0 4.0 | 0.0 0.0 | 12.0 4.0 | -12.0 4.0 | | |
| Test System Test Environment | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 02/11/2000 | RC DH | 9.0 14.0 | 0.0 0.0 | 9.0 14.0 | -9.0 -14.0 | | |
| Complete creating system test environment | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 02/11/2000 | AB TS | 4.0 0.0 | 0.0 0.0 | 4.0 0.0 | 12.0 8.0 | | |
| Support System/Acceptance Testing | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 02/11/2000 | RC DH | 8.0 10.0 | 0.0 0.0 | 8.0 10.0 | -8.0 -10.0 | | |
| ISM calling MapQuest Server | Cmpl | | 02/07/2000 02/18/2000 | 01/31/2000 02/11/2000 | AB TS | 8.0 0.0 | 0.0 0.0 | 8.0 0.0 | 0.0 8.0 | | |
| Support System/Acceptance Testing | Cmpl | | 02/28/2000 06/30/2000 | 01/31/2000 06/02/2000 | RC DH | 43.0 29.0 | 0.0 0.0 | 43.0 29.0 | -43.0 -29.0 | | |
| Support System/Acceptance Testing | Cmpl | | 04/12/2000 04/12/2000 | 04/10/2000 07/31/2000 | BK TS | 204.0 345.0 | 0.0 0.0 | 204.0 345.0 | 180.0 -265.0 | | |
| Support System/Acceptance Testing | Cmpl | | 04/12/2000 | 04/10/2000 | LL | 65.0 | 0.0 | 65.0 | -25.0 | | |

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| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
|---|--|-------|-----------------------|--|--|----------------|----------------------|------------------|--------------------------|-------------------|------------------------|---------------------------|
| Today's Date: Project as of Date: | | | | | | | | | | | | |
| Name | | | Status | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | | | | | |
| Support System Testing | | Cmpl | | 04/12/2000 02/28/2000 06/30/2000 | 07/03/2000 02/04/2000 06/09/2000 | TS LL RC | 0.0 104.0 | | 145.0 295.0 49.0 | 0.0 0.0 0.0 | 145.0 295.0 49.0 | -145.0 -191.0 -49.0 |
| Support System/Acceptance Testing | | Cmpl | | | 04/28/2000 | RC | | | | | | |
| Support System/Acceptance Testing | | Cmpl | | | 06/15/2000 | DH | | | 69.0 | 0.0 | 69.0 | -69.0 |
| Support System/Acceptance Testing | | Cmpl | | | 04/28/2000 | DH | | | | | | |
| Support System/Acceptance Testing | | Cmpl | | | 07/10/2000 | GR | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Support System/Acceptance Testing | | Cmpl | | | 05/08/2000 | GR | | | | | | |
| Support System/Acceptance Testing | | Cmpl | | | 06/30/2000 | TC | | | 110.0 | 0.0 | 110.0 | -110.0 |
| Support System/Acceptance Test | | Cmpl | | | 05/01/2000 | TC | | | | | | |
| Support System/Acceptance Test | | Cmpl | | | 07/10/2000 | BK | | | 400.0 | 0.0 | 400.0 | -400.0 |
| Support System/Acceptance Test | | Cmpl | | | 04/24/2000 | BK | | | | | | |
| Support System/Acceptance Test | | Cmpl | | | 07/03/2000 | BK | 120.0 | | 0.0 | 0.0 | 0.0 | 120.0 |
| Support/Acceptance Test | | Cmpl | | 07/03/2000 07/28/2000 | 05/01/2000 05/26/2000 | BK RC | | | | | | |
| Support/Acceptance Test | | Cmpl | | 07/03/2000 | 05/01/2000 | RC | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Support System/Acceptance Testing | | Cmpl | | 07/28/2000 | 05/26/2000 | AB | 64.0 | | 0.0 | 0.0 | 0.0 | 64.0 |
| Support System/Acceptance Testing | | Cmpl | | | 05/30/2000 | CJ | | | 192.0 | 0.0 | 192.0 | -192.0 |
| Support System/Acceptance Testing | | Cmpl | | | 07/07/2000 | AB | | | | | | |
| Support System/Acceptance Testing | | Cmpl | | 02/28/2000 06/30/2000 | 01/17/2000 07/03/2000 | AB | 104.0 | | 269.0 | 0.0 | 269.0 | -165.0 |
| Create End User Training Environment | | | | | | | | | | | | |
| Create End User Training Database Environment | | Cmpl | | 04/03/2000 04/14/2000 | 04/17/2000 05/22/2000 | DH RC | 0.0 0.0 | | 0.0 28.0 | 0.0 0.0 | 0.0 28.0 | 0.0 -28.0 |
| Create End User Training Server environment | | Cmpl | | | | TS | 8.0 | | 0.0 | 0.0 | 0.0 | 8.0 |
| Create End User Training Backup/Recover process | | Cmpl | | 04/03/2000 04/14/2000 | 04/10/2000 04/21/2000 | AB DH | 16.0 8.0 | | 0.0 0.0 | 0.0 0.0 | 0.0 0.0 | 16.0 8.0 |
| Create End User Training Backup/Recover process | | Cmpl | | 04/03/2000 | 04/17/2000 | RC | 0.0 | | 16.0 | 0.0 | 16.0 | -16.0 |
| Create End User Training Backup/Recover process | | Cmpl | | 04/14/2000 | 04/28/2000 | DH | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Test End User Training Environment | | Cmpl | | 04/03/2000 | 04/21/2000 | TS | 16.0 | | 0.0 | 0.0 | 0.0 | 16.0 |
| Test End User Training Environment | | Cmpl | | | | RC | 8.0 | | 0.0 | 0.0 | 0.0 | 8.0 |
| Test End User Training Environment | | Cmpl | | | | RC | 0.0 | | 6.0 | 0.0 | 6.0 | -6.0 |

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| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: Project as of Date: | | | | | | | | | | |
| Name | | | | | | | | | | |
| Support Training During Development of Training | Cmpl | | 04/14/2000 | 05/22/2000 | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Support Training During Development of Training | Cmpl | | 05/01/2000 | 05/01/2000 | AB | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| Support Training During Development of Training | Cmpl | | 06/09/2000 | 06/30/2000 | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| Support Training During Development of Training | Cmpl | | 05/01/2000 | 05/01/2000 | AS | 60.0 | 120.0 | 0.0 | 120.0 | -60.0 |
| Support Training During Development of Training | Cmpl | | 05/01/2000 | 06/26/2000 | RC | | 18.0 | 0.0 | 18.0 | -18.0 |
| Support Training During Development of Training | Cmpl | | 05/01/2000 | 06/30/2000 | TS | 40.0 | 70.0 | 0.0 | 70.0 | -30.0 |
| Support Training During Development of Training | Cmpl | | 05/01/2000 | 05/01/2000 | AF | 40.0 | 134.0 | 0.0 | 134.0 | -94.0 |
| Support Training During Development of Training | Cmpl | | 06/09/2000 | 06/26/2000 | | | | | | |
| Plan and Execute Performance Test | | | | | | | | | | |
| Reserve for performance | Cmpl | | 05/01/2000 | 05/01/2000 | AS | 140.0 | 0.0 | 0.0 | 0.0 | 140.0 |
| Develop Performance Test Plan | Cmpl | | 04/03/2000 | 02/14/2000 | LL | 48.0 | 8.0 | 0.0 | 8.0 | 40.0 |
| Develop Performance Test Plan | Cmpl | | 05/12/2000 | 04/24/2000 | | | | | | |
| Develop Performance Test Plan | Cmpl | | 04/03/2000 | 02/28/2000 | DH | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Develop Performance Test Plan | Cmpl | | 05/12/2000 | 04/24/2000 | TS | 64.0 | 7.0 | 0.0 | 7.0 | 57.0 |
| Review Performance Test Plan with Design Advisory | Cmpl | | 04/03/2000 | 02/28/2000 | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cmpl | | 05/12/2000 | 04/07/2000 | AB | 48.0 | 0.0 | 0.0 | 0.0 | 48.0 |
| | Cmpl | | 03/06/2000 | 03/06/2000 | TS | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cmpl | | 03/06/2000 | 03/06/2000 | MC | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 |
| | Cmpl | | 06/19/2000 | 05/08/2000 | AB | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | MG | 9.0 | 0.0 | 0.0 | 0.0 | 9.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | WB | 9.0 | 0.0 | 0.0 | 0.0 | 9.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | LL | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | RC | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | DH | 0.0 | 60.0 | 0.0 | 60.0 | -60.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | AB | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| | Cmpl | | 06/30/2000 | 07/10/2000 | TS | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 |
| Load Performance Test Data | Cmpl | | 05/05/2000 | 05/05/2000 | RC | | 67.0 | 0.0 | 67.0 | -67.0 |
| Support / Execute Performance Test | Cmpl | | 05/22/2000 | 05/22/2000 | | | 18.0 | 0.0 | 18.0 | -18.0 |
| Support / Execute Performance Test | Cmpl | | 05/08/2000 | 05/08/2000 | GR | | | | | |

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| IDES ISM Project | | April 2005 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | ##### | Status | R E T R O | Baseline Start / End | Actual Start / End | Assn: | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Support/Execute Performance Test | Cmpl | | | 05/15/2000 | 07/03/2000 | DH | | 88.0 | 0.0 | 88.0 | -88.0 |
| Support/Execute Performance Test | Cmpl | | | 06/30/2000 | 07/07/2000 | CJ | | 40.0 | 0.0 | 40.0 | -40.0 |
| Support/Execute Performance Test | Cmpl | | | 05/15/2000 | 07/03/2000 | TC | | 47.0 | 0.0 | 47.0 | -47.0 |
| Support Performance Test | Cmpl | | | 06/30/2000 | 07/17/2000 | LL | 56.0 | 12.0 | 0.0 | 12.0 | 44.0 |
| Support/Execute Performance Test | Cmpl | | | 05/15/2000 | 07/10/2000 | TS | 114.0 | 26.0 | 0.0 | 26.0 | 88.0 |
| Support/Execute Performance Test | Cmpl | | | 06/30/2000 | 07/14/2000 | AB | 56.0 | 136.0 | 0.0 | 136.0 | -80.0 |
| Support Performance Test | Cmpl | | | 05/15/2000 | 07/07/2000 | AF | | 22.0 | 0.0 | 22.0 | -22.0 |
| Support/Execute Performance Test | Cmpl | | | 06/30/2000 | 08/30/2000 | JB | | 263.0 | 0.0 | 263.0 | -263.0 |
| Support/Execute Performance Test | Cmpl | | | | 07/14/2000 | TL1 | | 169.0 | 0.0 | 169.0 | -169.0 |
| Review Performance Test Results | Cmpl | | | 06/07/2000 | 07/14/2000 | MG | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| Review Performance Test Results | Cmpl | | | 06/13/2000 | 05/19/2000 | MC | 16.0 | 16.0 | 0.0 | 16.0 | 0.0 |
| Review Performance Test Results | Cmpl | | | 04/07/2000 | 05/15/2000 | WB | 16.0 | 16.0 | 0.0 | 16.0 | 0.0 |
| Support End User Training | | | | 06/07/2000 | 05/15/2000 | | | | | | |
| Support End User Training | Cmpl | | | 06/12/2000 | 07/21/2000 | | | | | | |
| Support End User Training | Cmpl | | | 07/28/2000 | 07/06/2000 | AS | 80.0 | 34.0 | 0.0 | 34.0 | 46.0 |
| Support End User Training | Cmpl | | | | 09/18/2000 | TS | | 4.0 | 0.0 | 4.0 | -4.0 |
| Support End User Training | Cmpl | | | 06/12/2000 | 06/12/2000 | AF | 65.0 | 0.0 | 0.0 | 0.0 | 65.0 |
| Support End User Training | Cmpl | | | 06/30/2000 | 06/30/2000 | AB | 65.0 | 11.0 | 0.0 | 11.0 | 54.0 |

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| IDES ISM Project | | April 2005 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| ##### | | R E T R O | | Status | | Baseline Start / End | | Actual Start / End | | Assn. Baseline Estimate | |
| | | | | | | | | | | | |
| Deployment | | | | | | | | | | | |
| Deployment Support | | | | | | | | | | | |
| Create/Acceptance Test Database Environment | | Cmpl | | 06/05/2000 | | 06/05/2000 | | 04/05/2000 | | 0.0 | |
| | | | | 06/16/2000 | | 04/18/2000 | | RC | | 0.0 | |
| | | | | | | | | TS | | 8.0 | |
| | | | | | | | | AB | | 16.0 | |
| Create/Acceptance Test Server environment | | Cmpl | | 06/05/2000 | | 04/05/2000 | | DH | | 0.0 | |
| | | | | 06/16/2000 | | 04/18/2000 | | TS | | 8.0 | |
| Create/Acceptance Test Back-up/Recover processes | | Cmpl | | 06/05/2000 | | 04/05/2000 | | RC | | 0.0 | |
| | | | | 06/16/2000 | | 04/18/2000 | | DH | | 0.0 | |
| | | | | | | | | AB | | 16.0 | |
| | | | | | | | | TS | | 8.0 | |
| Test/Acceptance Test Environment | | Cmpl | | 06/05/2000 | | 04/05/2000 | | RC | | 0.0 | |
| | | | | 06/16/2000 | | 04/18/2000 | | DH | | 0.0 | |
| | | | | | | | | AB | | 8.0 | |
| | | | | | | | | TS | | 8.0 | |
| Configure Production Environment | | Cmpl | | 07/03/2000 | | 05/01/2000 | | RC | | 0.0 | |
| | | | | 07/14/2000 | | 05/12/2000 | | DH | | 0.0 | |
| | | | | | | | | AB | | 20.0 | |
| | | | | | | | | TS | | 63.0 | |
| | | | | | | | | LL | | 36.0 | |
| Migrate Objects to Production | | Cmpl | | 07/17/2000 | | 05/15/2000 | | DH | | 0.0 | |
| | | | | 07/28/2000 | | 06/02/2000 | | TS | | 62.0 | |
| Test ISM Application | | Cmpl | | 07/31/2000 | | 05/30/2000 | | RC | | 0.0 | |
| | | | | 08/04/2000 | | 06/02/2000 | | DH | | 0.0 | |
| | | | | | | | | TS | | 35.0 | |
| Determine Alerting Architecture | | Cmpl | | | | 05/22/2000 | | FH | | | |
| Research/implement ISM alarms | | Cmpl | | | | 06/12/2000 | | | | | |
| | | | | | | 05/30/2000 | | FH | | | |
| | | | | | | 07/14/2000 | | | | | |
| Research SNMP Trap Generator for custom ISM MIB | | Cmpl | | | | 05/26/2000 | | FH | | | |
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| IDES ISM Project | ##### | R E T R O | | | | April 2005 | | | | |
| Today's Date: | Status | | Actual Start / End | Baseline Start / End | Assn. Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| Project as of Date: | | | | | | | | | | |
| Name | | | | | | | | | | |
| Find UNIX TAP paging program | Cmpl | | 07/14/2000 | | | 15.0 | 0.0 | 15.0 | -15.0 | |
| Alerting for NAS/NES restarts (script mods?) | Cmpl | | 05/26/2000 | | FH | | | | | |
| Finalize DNS implementation | Cmpl | | 06/16/2000 | | TC | 9.0 | 0.0 | 9.0 | -9.0 | |
| Finalize Server Digital Certificates | Cmpl | | 05/22/2000 | | TC | 8.0 | 0.0 | 8.0 | -8.0 | |
| Determine Needs/Implement WebTrends reporting | Cmpl | | 07/24/2000 | | TC | 1.0 | 0.0 | 1.0 | -1.0 | |
| Symon and Alerts | Cmpl | | 05/22/2000 | | TC | 8.0 | 0.0 | 8.0 | -8.0 | |
| Ongoing perf metrics data collection and reporting | Cmpl | | 07/24/2000 | | GR | 241.0 | 0.0 | 241.0 | -241.0 | |
| Database Maintenance Schedule | Cmpl | | 06/02/2000 | | DH | 43.0 | 0.0 | 43.0 | -43.0 | |
| Finalize run control scripts (to start/shut down proces | Cmpl | | 09/18/2000 | | GR | 2.0 | 0.0 | 2.0 | -2.0 | |
| Setup remote access on DevWeb | Cmpl | | 05/30/2000 | | TC | 20.0 | 0.0 | 20.0 | -20.0 | |
| Research/report Dev Upgrade options | Cmpl | | 05/30/2000 | | AF | 0.0 | 0.0 | 0.0 | 0.0 | |
| Support CosBatch Setup | Cmpl | | 06/30/2000 | | AB | 0.0 | 0.0 | 0.0 | 0.0 | |
| Support Deployment | Cmpl | | 05/30/2000 | | GR | 2.0 | 0.0 | 2.0 | -2.0 | |
| Support Deployment | Cmpl | | 09/15/2000 | | DH | 4.0 | 0.0 | 4.0 | -4.0 | |
| Support Deployment | Cmpl | | 05/22/2000 | | GR | 22.0 | 0.0 | 22.0 | -22.0 | |
| Support Deployment | Cmpl | | 06/23/2000 | | AB | 0.0 | 0.0 | 0.0 | 0.0 | |
| Support Deployment | Cmpl | | 05/01/2000 | 05/01/2000 | TS | 2.0 | 0.0 | 2.0 | -2.0 | |
| Support Deployment | Cmpl | | 04/28/2000 | 08/31/2000 | PK | 220.0 | 0.0 | 220.0 | -220.0 | |
| Support Deployment | Cmpl | | 06/23/2000 | | GR | 275.0 | 0.0 | 275.0 | -135.0 | |
| Support Deployment | Cmpl | | 05/01/2000 | 05/01/2000 | AB | 344.0 | 0.0 | 344.0 | -344.0 | |
| Support Deployment | Cmpl | | 10/09/2000 | 05/01/2000 | AF | 104.0 | 0.0 | 104.0 | -4.0 | |
| Support Deployment | Cmpl | | 07/12/2000 | 06/30/2000 | RC | 0.0 | 0.0 | 0.0 | 0.0 | |

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| IDES ISM Project | | ##### | | R E T R O | | | | | | April 2005 15 | | | | | | | |
| Today's Date: | | | | | | | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | | | | | | |
| Name | Status | Baseline Start / End | Actual Start / End | Assn. | Baseline Estimate | Total Actual Hours | ETC | Total | Variance | | | | | | | | |
| Support Deployment | Cmpl | 05/01/2000 08/31/2000 | 05/01/2000 | WB | 6.0 | 18.0 | 0.0 | 18.0 | -12.0 | | | | | | | | |
| Support Deployment | Cmpl | | | TS | | 301.0 | 0.0 | 301.0 | -301.0 | | | | | | | | |
| Support Deployment | Cmpl | | | TC | | 0.0 | 0.0 | 0.0 | 0.0 | | | | | | | | |
| Support Deployment | Cmpl | 06/05/2000 08/31/2000 | 06/05/2000 | MC | 208.0 | 95.0 | 0.0 | 95.0 | 113.0 | | | | | | | | |
| Support Deployment | Cmpl | 07/31/2000 09/29/2000 | 05/05/2000 | TC | 160.0 | 145.0 | 0.0 | 145.0 | 15.0 | | | | | | | | |
| Support Deployment | Cmpl | 08/07/2000 09/29/2000 | 09/18/2000 | BK | 190.0 | 137.0 | 0.0 | 137.0 | 53.0 | | | | | | | | |
| Support Deployment / Document Processes | Cmpl | | | CJ | | 41.0 | 0.0 | 41.0 | -41.0 | | | | | | | | |
| Support Deployment | Cmpl | | | MS1 | | 29.0 | 0.0 | 29.0 | -29.0 | | | | | | | | |
| Support Deployment | Cmpl | | | MJW | | 36.0 | 0.0 | 36.0 | -36.0 | | | | | | | | |
| Support Deployment | Cmpl | | | KT | | 22.0 | 0.0 | 22.0 | -22.0 | | | | | | | | |
| Support Deployment | Cmpl | | | RC | | 102.0 | 0.0 | 102.0 | -102.0 | | | | | | | | |
| Support Deployment | Cmpl | | | MZ | | 73.0 | 0.0 | 73.0 | -73.0 | | | | | | | | |
| Support Deployment | Cmpl | 10/02/2000 12/29/2000 | 07/20/2000 | LL | 200.0 | 0.0 | 0.0 | 0.0 | 200.0 | | | | | | | | |
| Project Mgmt Tasks - Design T | | | | | | | | | | | | | | | | | |
| Project Management & Control | | | | | | | | | | | | | | | | | |
| Weekly Status Issues Meetings(2-3 hrs./week) | Cmpl | 03/01/1999 03/31/2000 | 03/01/1999 | PD | 34.0 | 34.0 | 0.0 | 34.0 | 0.0 | | | | | | | | |
| Maintain Detailed Work Plan | Cmpl | 06/01/1999 03/31/2000 | 06/01/1999 | MZ | 0.0 | 66.0 | 0.0 | 66.0 | 0.0 | | | | | | | | |
| Manage Team | Cmpl | 06/01/1999 | 03/31/2000 | MZ | 0.0 | 28.0 | 0.0 | 28.0 | -28.0 | | | | | | | | |
| | Cmpl | 06/01/1999 | 06/01/1999 | MZ | 0.0 | 145.0 | 0.0 | 145.0 | -145.0 | | | | | | | | |

| IDES ISM Project | | R E T R O | | Status | | Baseline Start / End | | Actual Start / End | | Assn. Baseline Estimate | | Total Actual Hours | | ETC | | Total | | Variance | |
|--|--|-----------|--|--------|--|--------------------------|--|--------------------------|--|-------------------------|--|--------------------|--|-----|--|-------|--|----------|--|
| Name | | ##### | | Status | | Baseline Start / End | | Actual Start / End | | Assn. Baseline Estimate | | Total Actual Hours | | ETC | | Total | | Variance | |
| Resolve Variances and Address Problems | | Cmpl | | Cmpl | | 03/31/2000 06/01/1999 | | 03/31/2000 06/01/1999 | | 0.0 | | 12.0 | | 0.0 | | 12.0 | | -12.0 | |
| Manage Issues and Changes | | Cmpl | | Cmpl | | 03/31/2000 06/01/1999 | | 03/31/2000 06/01/1999 | | 0.0 | | 54.0 | | 0.0 | | 54.0 | | -54.0 | |
| Manage Acceptance of Deliverables | | Cmpl | | Cmpl | | 03/31/2000 06/01/1999 | | 03/31/2000 06/01/1999 | | 0.0 | | 2.0 | | 0.0 | | 2.0 | | -2.0 | |
| Write Team Member Expectations | | Cmpl | | Cmpl | | 03/31/2000 04/01/1999 | | 03/31/2000 04/01/1999 | | 0.0 | | 1.0 | | 0.0 | | 1.0 | | -1.0 | |
| Project Orientation - Designers | | Cmpl | | Cmpl | | 03/01/1999 05/07/1999 | | 03/01/1999 05/07/1999 | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 20.0 | | 16.0 | | 0.0 | | 16.0 | | 4.0 | |
| | | | | | | | | | | 24.0 | | 24.0 | | 0.0 | | 24.0 | | 0.0 | |
| | | | | | | | | | | 12.0 | | 9.0 | | 0.0 | | 9.0 | | 3.0 | |
| | | | | | | | | | | 28.0 | | 28.0 | | 0.0 | | 28.0 | | 0.0 | |
| | | | | | | | | | | 24.0 | | 24.0 | | 0.0 | | 24.0 | | 0.0 | |
| | | | | | | | | | | 0.0 | | 16.0 | | 0.0 | | 16.0 | | -16.0 | |
| Project Planning/Resolve Variances | | Cmpl | | Cmpl | | 06/11/1999 10/11/1999 | | 06/11/1999 10/11/1999 | | 0.0 | | 15.0 | | 0.0 | | 15.0 | | -15.0 | |
| Reserve used for Brent's PM tasks | | Cmpl | | Cmpl | | 08/30/1999 03/31/2000 | | 08/30/1999 03/31/2000 | | 700.0 | | 0.0 | | 0.0 | | 0.0 | | 700.0 | |
| Project Orientation | | | | | | | | | | | | | | | | | | | |
| Learn Prototyping/GUI Design Tool | | Cmpl | | Cmpl | | 03/05/1999 05/07/1999 | | 03/05/1999 05/07/1999 | | 16.0 | | 18.0 | | 0.0 | | 18.0 | | -2.0 | |
| | | | | | | | | | | 16.0 | | 21.0 | | 0.0 | | 21.0 | | -5.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |
| | | | | | | | | | | 16.0 | | 8.0 | | 0.0 | | 8.0 | | 8.0 | |
| | | | | | | | | | | 16.0 | | 16.0 | | 0.0 | | 16.0 | | 0.0 | |

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| IDES ISM Project | | April 2001 | | | | | | | | | |
| Today's Date: | | 15 | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | ##### | RETR O | Status | Actual Start / End | Baseline Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Development Tools Orientation | | | Cmpl | 06/04/1999 | 06/04/1999 | BB1 | 60.0 | 0.0 | 0.0 | 0.0 | 60.0 |
| | | | | 10/01/1999 | 12/06/1999 | SS1 | 60.0 | 12.0 | 0.0 | 12.0 | 48.0 |
| | | | | | | KT | 60.0 | 0.0 | 0.0 | 0.0 | 60.0 |
| | | | | | | CJ | 60.0 | 37.0 | 0.0 | 37.0 | 23.0 |
| | | | | | | SS | 60.0 | 0.0 | 0.0 | 0.0 | 60.0 |
| | | | | | | JM | 60.0 | 0.0 | 0.0 | 0.0 | 60.0 |
| | | | | | | BB | 60.0 | 0.0 | 0.0 | 0.0 | 60.0 |
| | | | | | | MS1 | 15.0 | 0.0 | 0.0 | 0.0 | 15.0 |
| | | | | | | RR | 15.0 | 0.0 | 0.0 | 0.0 | 15.0 |
| | | | | | | AF | 15.0 | 0.0 | 0.0 | 0.0 | 15.0 |
| | | | | | | YZ | 15.0 | 0.0 | 0.0 | 0.0 | 15.0 |
| NonBill - Java Training | | | Cmpl | | | BB | | 40.0 | 0.0 | 40.0 | -40.0 |
| | | | | | | SS | | 40.0 | 0.0 | 40.0 | -40.0 |
| | | | | | | KT | | 40.0 | 0.0 | 40.0 | -40.0 |
| | | | | | | SS1 | | 40.0 | 0.0 | 40.0 | -40.0 |
| | | | | | | BB1 | | 40.0 | 0.0 | 40.0 | -40.0 |
| ISM Orientation | | | Cmpl | 08/02/1999 | 07/02/1999 | DEM | 240.0 | 0.0 | 0.0 | 0.0 | 240.0 |
| | | | | 08/13/1999 | 10/18/1999 | DE | 84.0 | 0.0 | 0.0 | 0.0 | 84.0 |
| Assist with Design Validation | | | | | | | | | | | |
| Assist with Design Validation | | | | | | | | | | | |
| Help with FuncVa/Issues for Basic Data | | | Cmpl | 03/29/1999 | 04/22/1999 | JM | 0.0 | 4.0 | 0.0 | 4.0 | -4.0 |
| | | | | 04/16/1999 | 06/11/1999 | SS | 20.0 | 46.0 | 0.0 | 46.0 | -26.0 |
| Help with FuncVa/Issues for Employer Reg | | | Cmpl | 03/01/1999 | 03/01/1999 | AS | 20.5 | 20.5 | 0.0 | 20.5 | 0.0 |
| | | | | 03/22/1999 | 03/22/1999 | | | | | | |
| Help with FuncVa/Issues for Job Order Reg | | | Cmpl | 03/01/1999 | 03/01/1999 | PD | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 |
| | | | | 03/26/1999 | 03/26/1999 | AS | 20.0 | 20.0 | 0.0 | 20.0 | 0.0 |

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| IDES ISM Project | | April 2001 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| ##### | | R E T R O | | | | | | | | | |
| Status | | | | | | | | | | | |
| Baseline Start / End | | | | | | | | | | | |
| Actual Start / End | | | | | | | | | | | |
| Assn: Baseline Estimate | | | | | | | | | | | |
| Total Actual Hours | | | | | | | | | | | |
| ETC | | | | | | | | | | | |
| Total | | | | | | | | | | | |
| Variance | | | | | | | | | | | |
| Help with Func Val/Issues for Job Appl Req | | Cmpl | | 03/01/1999 | | 03/01/1999 | | PD | | 25.0 | |
| Help with Func Val/Issues for Job Matching | | Cmpl | | 03/29/1999 | | 03/29/1999 | | PD | | 71.0 | |
| Assist with Interfaces Design Validation | | Cmpl | | 03/01/1999 | | 03/01/1999 | | PD | | 71.0 | |
| Assist with Admin System Design Validation | | Cmpl | | 04/02/1999 | | 04/02/1999 | | JM | | 19.0 | |
| Assist with initial Data Modeling | | Cmpl | | 04/12/1999 | | 04/12/1999 | | SS | | 17.0 | |
| Reserve used for tasks in Design Validation | | Cmpl | | 06/11/1999 | | 06/11/1999 | | SS | | 33.0 | |
| Unplanned - Design Communications Infrastructure | | Cmpl | | 04/09/1999 | | 04/09/1999 | | AS | | 12.0 | |
| GUI Prototype (GP) | | Cmpl | | 06/11/1999 | | 06/11/1999 | | PD | | 10.0 | |
| Start GUI Prototype Subphase | | Cmpl | | 04/12/1999 | | 04/12/1999 | | JM | | 11.0 | |
| Reviewed Web Design SOW | | Cmpl | | 04/30/1999 | | 04/30/1999 | | BB | | 10.0 | |
| Prepare for GUI Prototype | | Cmpl | | 04/12/1999 | | 04/12/1999 | | SS | | 25.0 | |
| Gather Initial Req for Visual Appearance and Style | | Cmpl | | 04/30/1999 | | 04/30/1999 | | TL | | 0.0 | |
| Develop Color Scheme, Font Stds, Buttons, etc. | | Cmpl | | 02/08/1999 | | 02/08/1999 | | MS | | 74.0 | |
| Develop Navigation Bar, Icon Stds and Hdr/Ftr Stds | | Cmpl | | 02/11/1999 | | 02/11/1999 | | MS | | 4.0 | |
| Develop Public Applicant and Employer Home Page | | Cmpl | | 02/22/1999 | | 02/22/1999 | | MS | | 10.0 | |
| | | Cmpl | | 02/11/1999 | | 02/11/1999 | | MS | | 5.5 | |
| | | Cmpl | | 04/16/1999 | | 04/16/1999 | | MS | | 20.5 | |
| | | Cmpl | | 02/11/1999 | | 02/11/1999 | | MS | | 0.0 | |
| | | Cmpl | | 04/16/1999 | | 04/16/1999 | | MS | | 2.0 | |
| | | Cmpl | | 02/11/1999 | | 02/11/1999 | | MS | | 6.5 | |
| | | Cmpl | | 04/16/1999 | | 04/16/1999 | | MS | | 3.5 | |

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| IDES ISM Project | | ##### | R | E | T | R | O | | | April 2000 15 | | | | | |
|--|--------|-------|---|---|---|---|---|----------------------------|--------------------------|------------------|----------------------|--------------------------|-----|-------|----------|
| Name | Status | | | | | | | Baseline Start / End | Actual Start / End | Asn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Conduct Review Sessions on High Level Look/Feel | Cmpl | | | | | | | 02/22/1999 04/16/1999 | | MS | 4.0 | 3.0 | 0.0 | 3.0 | 1.0 |
| Approved High Level Look/Feel | Cmpl | | | | | | | | | BK | | | | | |
| Document Web Sids in Appl Arch Document | Cmpl | | | | | | | 04/09/1999 03/15/1999 | | MS | 10.0 | 0.0 | 0.0 | 0.0 | 10.0 |
| Review Requirements for Screen Types | Cmpl | | | | | | | 04/16/1999 03/08/1999 | | MS | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| Review Sample for Error Message (Employer Invalid | Cmpl | | | | | | | 04/02/1999 03/08/1999 | | MS | 2.0 | 0.0 | 0.0 | 0.0 | 2.0 |
| Review Sample for Option List (Employer Options) | Cmpl | | | | | | | 04/09/1999 03/08/1999 | | MS | 4.0 | 1.0 | 0.0 | 1.0 | 3.0 |
| Review Sample for Help Screen (Employer Reg Help | Cmpl | | | | | | | 04/14/1999 03/08/1999 | | MS | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| Review Sample for Search (IDES Employer Search) | Cmpl | | | | | | | 04/09/1999 03/08/1999 | | MS | 10.0 | 1.0 | 0.0 | 1.0 | 9.0 |
| Review Sample for Drill Down (Skill Picken) | Cmpl | | | | | | | 04/14/1999 03/08/1999 | | MS | 16.0 | 1.0 | 0.0 | 1.0 | 15.0 |
| Review Sample for List/Select (IDES Employer Seac | Cmpl | | | | | | | 04/14/1999 03/08/1999 | | MS | 6.0 | 1.0 | 0.0 | 1.0 | 5.0 |
| Review Sample for Detail Data Entry (Employer Upda | Cmpl | | | | | | | 04/09/1999 03/08/1999 | | MS | 8.0 | 2.0 | 0.0 | 2.0 | 6.0 |
| Review Sample for Confirmation (Employer Update C | Cmpl | | | | | | | 04/14/1999 03/08/1999 | | MS | 4.0 | 1.0 | 0.0 | 1.0 | 3.0 |
| Approved Sample Screens | Cmpl | | | | | | | | | TL | | | | | |
| | | | | | | | | 04/09/1999 | | BK | | | | | |
| | | | | | | | | | | MS | | | | | |
| Develop GUI Prototype | | | | | | | | | | | | | | | |
| MUR - Begin Developing GUI Prototype | Cmpl | | | | | | | | | BB | | | | | |
| | | | | | | | | 03/15/1999 | | PD | | | | | |
| | | | | | | | | | | AS | | | | | |
| Review Prototype Approach Sids | Cmpl | | | | | | | 03/04/1999 | | BB | 4.0 | 6.0 | 0.0 | 6.0 | -2.0 |

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| IDES ISM Project | ##### | RETRO | Baseline Start / End | Actual Start / End | Assn. Baseline Estimate | April 2001 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | |
| Name | Status | | Baseline Start / End | Actual Start / End | Assn. Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Refine prototype screen standards | Cmpl | | 03/29/1999 | 04/05/1999 | PD 4.0 | | 4.0 | 0.0 | 4.0 | 0.0 |
| Document prototype screen stds in Web Arch doc | Cmpl | | | 04/05/1999 | AS 4.0 | | 8.0 | 0.0 | 8.0 | -4.0 |
| Create First Draft Prototype for Employee Req. | Cmpl | | 04/05/1999 | 04/16/1999 | BB | | 6.0 | 0.0 | 6.0 | -6.0 |
| Create First Draft Prototype for Job Order Req. | Cmpl | | 04/05/1999 | 04/16/1999 | PD | | 8.0 | 0.0 | 8.0 | -8.0 |
| Create First Draft Prototype for Job Appl Req. | Cmpl | | 04/05/1999 | 04/19/1999 | AS | | 29.0 | 0.0 | 29.0 | -29.0 |
| Create First Draft Prototype for Job Matching | Cmpl | | 04/05/1999 | 08/02/1999 | AS | | 3.0 | 0.0 | 3.0 | -3.0 |
| Create First Draft Prototype for Job Matching | Cmpl | | 04/05/1999 | 08/02/1999 | AS | | 103.0 | 0.0 | 103.0 | -42.0 |
| Create First Draft Prototype for Job Matching | Cmpl | | 04/05/1999 | 04/05/1999 | BB | | 77.0 | 0.0 | 77.0 | -77.0 |
| Create First Draft Prototype for Job Matching | Cmpl | | 04/05/1999 | 04/05/1999 | AS | | 6.0 | 0.0 | 6.0 | 42.0 |
| Create First Draft Prototype for Job Matching | Cmpl | | 04/05/1999 | 04/05/1999 | PD | | 47.0 | 0.0 | 47.0 | -23.0 |
| Create First Draft Prototype for Job Matching | Cmpl | | 04/05/1999 | 04/05/1999 | PD | | 56.0 | 0.0 | 56.0 | 0.0 |
| Create First Draft of Skill Picker (JO and AR sub-syst | Cmpl | | 03/22/1999 | 03/22/1999 | BB | | 72.0 | 0.0 | 72.0 | -18.0 |
| Conduct Review Sessions with project team | Cmpl | | 04/15/1999 | 06/04/1999 | MS | | 5.0 | 0.0 | 5.0 | 1.0 |
| Web Design: Unplanned Tasks | Cmpl | | 03/08/1999 | 07/26/1999 | MS | | 0.0 | 0.0 | 0.0 | 26.0 |
| Review Prototypes for Web Design Consistency | Cmpl | | 03/08/1999 | 07/26/1999 | MS | | 11.0 | 0.0 | 11.0 | 13.0 |
| Reserve for Developing Initial Prototype | Cmpl | | 04/12/1999 | 04/30/1999 | TL | | 0.0 | 0.0 | 0.0 | 80.0 |
| Unplanned: Develop Skill Picker prototype for focus | Cmpl | | 04/30/1999 | 05/10/1999 | AS | | 4.0 | 0.0 | 4.0 | -4.0 |
| Conduct Prototyping Workshops | Cmpl | | 04/30/1999 | 06/21/1999 | BB | | 96.0 | 0.0 | 96.0 | -96.0 |
| *** Iss 91 - Begin Change in Prototyping Approach *** | | | | | | | | | | |
| Create First Draft Prototype for Basic Data | Cmpl | | 04/05/1999 | 04/05/1999 | BB | | 0.0 | 0.0 | 0.0 | 44.0 |
| Create First Draft Prototype for Basic Data | Cmpl | | 04/12/1999 | 04/12/1999 | PD | | 0.0 | 0.0 | 0.0 | 40.0 |

| Project Name | Status | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2000 | Total Actual Hours | ETC | Total | Variance |
|--|--------|--------------------------|--------------------------|----------|-------------------|------------------|--------------------|-----|-------|----------|
| IDES ISM Project | ##### | | | | | April 2000 15 | | | | |
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| Project as of Date: | | | | | | | | | | |
| Name | Status | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Revise/Prototype for Basic Data after 1st workshop | Cmpl | 04/22/1999 05/07/1999 | 04/22/1999 05/07/1999 | BB | 63.0 | | 0.0 | 0.0 | 0.0 | 63.0 |
| Revise/Prototype for Basic Data after 2nd workshop | Cmpl | 05/14/1999 05/21/1999 | 05/14/1999 05/21/1999 | BB | 42.0 | | 0.0 | 0.0 | 0.0 | 42.0 |
| Conduct/Doc IDES workshop | Cmpl | 04/19/1999 04/20/1999 | 04/19/1999 04/20/1999 | BB AS | 10.0 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |
| Prep/Conduct/Doc ETC Staff & Mgr Region Hour | Cmpl | 04/19/1999 04/20/1999 | 04/19/1999 04/20/1999 | AS BB | 0.0 0.0 | | 32.0 | 0.0 | 32.0 | -32.0 |
| | | | | TL | 0.0 | | 24.0 | 0.0 | 24.0 | -24.0 |
| | | | | KT | 0.0 | | 36.0 | 0.0 | 36.0 | -36.0 |
| | | | | SS1 | 0.0 | | 52.0 | 0.0 | 52.0 | -52.0 |
| | | | | BK | 0.0 | | 47.0 | 0.0 | 47.0 | -47.0 |
| | | | | | 0.0 | | 44.0 | 0.0 | 44.0 | -44.0 |
| *** Iss 91 End - Change in Prototyping Approach *** | | | | | | | | | | |
| Schedule Workshops for ETC Staff & Mgr | Cmpl | 05/19/1999 05/29/1999 | 05/19/1999 05/29/1999 | AS | 2.0 | | 0.0 | 0.0 | 0.0 | 2.0 |
| Assist with pulling together prototype for workshops | Cmpl | | 04/23/1999 06/04/1999 | BB AS | | | 9.0 | 0.0 | 9.0 | -9.0 |
| | | | | PD | | | 16.0 | 0.0 | 16.0 | -16.0 |
| Final "draft" prototype review session | Cmpl | | 04/28/1999 06/04/1999 | BB AS | | | 6.0 | 0.0 | 6.0 | -6.0 |
| | | | | PD | | | 4.0 | 0.0 | 4.0 | -4.0 |
| Make final changes to "draft" prototype | Cmpl | | 04/28/1999 06/04/1999 | BB AS | | | 6.0 | 0.0 | 6.0 | -6.0 |
| | | | | PD | | | 4.0 | 0.0 | 4.0 | -4.0 |
| Unplanned - 7 extra ETC Mgr/Staff Workshops in Ju | Cmpl | | 04/28/1999 06/04/1999 | BB AS | | | 10.0 | 0.0 | 10.0 | -10.0 |
| | | | | PD | | | 11.0 | 0.0 | 11.0 | -11.0 |
| | | | | SS1 | | | 8.0 | 0.0 | 8.0 | -8.0 |
| | | | | KT | | | 59.0 | 0.0 | 59.0 | -59.0 |
| | | | | BK | | | 54.0 | 0.0 | 54.0 | -54.0 |
| | | | | TL | | | 40.0 | 0.0 | 40.0 | -40.0 |
| | | | | AS | 6.0 | | 32.0 | 0.0 | 32.0 | -32.0 |
| | | | | BB | 6.0 | | 12.0 | 0.0 | 12.0 | -6.0 |
| | | | | PD | 6.0 | | 0.0 | 0.0 | 0.0 | 6.0 |
| | | | | BB | 15.0 | | 0.0 | 0.0 | 0.0 | 15.0 |
| | | | | AS | 30.0 | | 11.0 | 0.0 | 11.0 | 19.0 |

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| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
|---|--------|-------|-----------------------|----------------------------|--------------------------|------|----------------------|------------------|--------------------------|-----|-------|----------|
| Name | Status | | | | | | | | | | | |
| Today's Date: | | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | |
| Revise Prototype for Job Order Red after 1st workshop | Cmpl | | | 05/03/1999 | 05/17/1999 | AS | 35.0 | | 0.0 | 0.0 | 0.0 | 35.0 |
| Revise Prototype for Job App. Req after 1st workshop | Cmpl | | | 05/07/1999 | 05/21/1999 | PD | 20.0 | | 0.0 | 0.0 | 0.0 | 20.0 |
| Revise Prototype for Job Matching after 1st workshop | Cmpl | | | 05/12/1999 | 05/17/1999 | PD | 35.0 | | 0.0 | 0.0 | 0.0 | 35.0 |
| Review Prototype after 1 rev with ETO Partner Advis | Cmpl | | | 05/20/1999 | 05/24/1999 | AS | 2.0 | | 0.0 | 0.0 | 0.0 | 2.0 |
| Review Prototype with Exec Sponsors | Cmpl | | | 05/24/1999 | 06/03/1999 | AS | 2.0 | | 2.0 | 0.0 | 2.0 | 0.0 |
| Prep/Conduct/Doc IDES Workshop - EISA 1596 | Cmpl | | | 05/24/1999 | 05/03/1999 | PD | 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |
| Revise Prototype for Employee Req after 2nd workshop | Cmpl | | | 05/24/1999 | 05/27/1999 | SS1 | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Revise Prototype for Job Order Red after 2nd workshop | Cmpl | | | 05/24/1999 | 05/27/1999 | KT | 10.0 | | 7.0 | 0.0 | 7.0 | 3.0 |
| Revise Prototype for Job Matching after 2nd workshop | Cmpl | | | 05/24/1999 | 05/27/1999 | AS | 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |
| Reserve for Revising Prototype | Cmpl | | | 05/24/1999 | 05/27/1999 | BB | 12.0 | | 0.0 | 0.0 | 0.0 | 12.0 |
| Prepare prototype | Cmpl | | | 05/24/1999 | 05/27/1999 | AS | 24.0 | | 0.0 | 0.0 | 0.0 | 24.0 |
| Inter-Agency Meeting - 6/9/99 | Cmpl | | | 05/24/1999 | 05/27/1999 | AS | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Revise prototype after Employer review | Cmpl | | | 05/24/1999 | 05/27/1999 | PD | 16.0 | | 0.0 | 0.0 | 0.0 | 16.0 |
| Revise prototype after Partner review | Cmpl | | | 05/24/1999 | 05/27/1999 | PD | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Revise prototype after IDES review | Cmpl | | | 05/24/1999 | 05/27/1999 | TL | 80.0 | | 0.0 | 0.0 | 0.0 | 80.0 |
| | Cmpl | | | 05/28/1999 | 06/11/1999 | KT | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | Cmpl | | | | 06/11/1999 | AS | | | 2.0 | 0.0 | 2.0 | -2.0 |
| | Cmpl | | | | 06/15/1999 | BK | | | 8.0 | 0.0 | 8.0 | -8.0 |
| | Cmpl | | | | 05/03/1999 | BB | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cmpl | | | | 08/02/1999 | AS | | | 10.0 | 0.0 | 10.0 | -10.0 |
| | Cmpl | | | | 05/03/1999 | BB | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | Cmpl | | | | 08/02/1999 | AS | | | 10.0 | 0.0 | 10.0 | -10.0 |
| | Cmpl | | | | 05/03/1999 | AS | | | 16.0 | 0.0 | 16.0 | -16.0 |

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| IDES ISM Project | | April 2005 | | | | | | | | | | | |
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| Today's Date: Project as of Date: | | | | | | | | | | | | | |
| Name | Status | RETRO | Baseline Start / End | Actual Start / End | Assn. | Baseline Estimate | Total Actual Hours | ETC | Total | Variance | | | |
| Unplanned - US DOL - 6/14/99 | Cmpl | | | 06/14/1999 TL | | | 8.0 | 0.0 | 8.0 | -8.0 | | | |
| Unplanned - MOWD Tech Staff presentation - 7/1/99 | Cmpl | | | 06/14/1999 TL | | | 3.0 | 0.0 | 3.0 | -3.0 | | | |
| Unplanned - MOWD / Pete Criticos, 7/19 | Cmpl | | | 06/21/1999 AS | | | 3.0 | 0.0 | 3.0 | -3.0 | | | |
| Unplanned - IMA & IRMA Employer Presentation, 7/2 | Cmpl | | | 07/01/1999 TL | | | 6.0 | 0.0 | 6.0 | -6.0 | | | |
| Unplanned - All Learners Sub-Group, 7/15 | Cmpl | | | 07/01/1999 | | | | | | | | | |
| Unplanned - Presentation to Women's Commission a | Cmpl | | | 07/23/1999 BK | | | 4.0 | 0.0 | 4.0 | -4.0 | | | |
| Conduct Applicant Prototype Focus | Cmpl | | | 07/23/1999 | | | | | | | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 07/22/1999 TL | | | 2.0 | 0.0 | 2.0 | -2.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 07/30/1999 AS | | | 2.0 | 0.0 | 2.0 | -2.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 07/15/1999 AS | | | 12.0 | 0.0 | 12.0 | -12.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 07/15/1999 | | | | | | | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 08/19/1999 TL | | | 4.0 | 0.0 | 4.0 | -4.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 08/19/1999 AS | | | 4.0 | 0.0 | 4.0 | -4.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 BB | | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 AS | | 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 KT | | 0.0 | 8.0 | 0.0 | 8.0 | -8.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 BK | | 0.0 | 4.0 | 0.0 | 4.0 | -4.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 AS | | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 BB | | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 05/04/1999 KT | | 0.0 | 18.0 | 0.0 | 18.0 | -18.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 07/30/1999 BK | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | | |
| Conduct/Doc Applicant Prototype Review | Cmpl | | | 08/09/1999 KT | | 0.0 | 4.0 | 0.0 | 4.0 | -4.0 | | | |
| Conduct Employer Prototype Focus | Cmpl | | | 08/09/1999 KT | | 0.0 | 8.0 | 0.0 | 8.0 | -8.0 | | | |
| Prepare for Employer Prototype Review | Cmpl | | | 07/23/1999 KT | | | 14.0 | 0.0 | 14.0 | -14.0 | | | |
| Conduct/Doc Employer Proto Rvw | Cmpl | | | 07/26/1999 | | | 10.0 | 0.0 | 10.0 | -10.0 | | | |
| Conduct/Doc Employer Prototype Workshop | Cmpl | | | 07/26/1999 | | | | | | | | | |
| Conduct/Doc Employer Prototype Workshop | Cmpl | | | 07/26/1999 | | | 0.0 | 0.0 | 0.0 | 6.0 | | | |
| Conduct/Doc Employer Prototype Workshop | Cmpl | | | 05/13/1999 PD | | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 | | | |
| Conduct/Doc Employer Prototype Workshop | Cmpl | | | 05/13/1999 AS | | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 | | | |

| IDES ISM Project | ##### | R E T R O | Status | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 20015 | Total Actual Hours | ETC | Total | Variance |
|---|-------|-----------------------|--------|----------------------|--------------------|-------------------------|-------------|--------------------|-----|-------|----------|
| Unplanned - IEC Steering Committee Focus Group 7 Cmpl | | | Cmpl | | | | | | | | |
| Conduct Final Prototype Review Se | | | Cmpl | | | | | | | | |
| Conduct Final Prototype Review with Design Review | | | Cmpl | 05/24/1999 | 05/24/1999 | AS | 6.0 | 0.0 | 0.0 | 10.0 | -4.0 |
| Conduct Final Prototype Review with EIC/Paulina | | | Cmpl | 05/24/1999 | 08/03/1999 | TL | 6.0 | 0.0 | 0.0 | 9.0 | -9.0 |
| Conduct Final Prototype Review with Executive Sponsor | | | Cmpl | 05/25/1999 | 05/25/1999 | BB | 6.0 | 0.0 | 0.0 | 0.0 | 6.0 |
| Conclude GUI Prototype Subphase | | | Cmpl | 05/26/1999 | 05/26/1999 | AS | 4.0 | 0.0 | 0.0 | 0.0 | 6.0 |
| MJR Approved GUI Prototype | | | Cmpl | 05/27/1999 | 05/27/1999 | AS | 16.0 | 0.0 | 0.0 | 0.0 | 16.0 |
| Conduct Detailed Design | | | Cmpl | 05/28/1999 | 05/28/1999 | BK | 8.0 | 5.0 | 0.0 | 5.0 | 3.0 |
| MJR - Begin Detailed Design | | | Cmpl | 03/29/1999 | 03/29/1999 | TL | | | | | |
| Detail Design Guidelines & Preparation | | P | Cmpl | 05/24/1999 | 05/24/1999 | SS1 | | 12.0 | 0.0 | 12.0 | -12.0 |
| Assist with Detail Design Standards | | P | Cmpl | 06/18/1999 | 06/18/1999 | SS | | 4.0 | 0.0 | 4.0 | -4.0 |
| Assist with writing DD Doc Stds | | P | Cmpl | 04/12/1999 | 04/12/1999 | KT | | 16.0 | 0.0 | 16.0 | -16.0 |
| | | | Cmpl | 06/18/1999 | 06/18/1999 | AS | | 20.0 | 0.0 | 20.0 | -20.0 |
| | | | Cmpl | | | SS | | 14.0 | 0.0 | 14.0 | -14.0 |

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|---|--|------------|--|-------------------------|--|--------------------|--|------|--|----------------|--|
| IDES ISM Project | | April 2005 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | R E T R O | | Assn: Baseline Estimate | | Total Actual Hours | | ETC | | Total Variance | |
| ##### | | | | | | | | | | | |
| Develop Application Architecture Mo | | P | | | | | | | | | |
| Create High Level Storyboard | | Cmpl | | 05/26/1999 | | JM | | 8.0 | | 8.0 | |
| | | | | 06/18/1999 | | BB | | 10.0 | | 10.0 | |
| | | | | | | SS | | 20.0 | | 20.0 | |
| | | | | | | KT | | 32.0 | | 32.0 | |
| | | | | | | SS1 | | 16.0 | | 16.0 | |
| Identify Programs | | D | | 06/03/1999 | | SS | | 12.0 | | 12.0 | |
| | | | | 06/18/1999 | | MZ | | 8.0 | | 8.0 | |
| Design Application Infrastructure Detail Design Temp Cmpl | | D | | 05/10/1999 | | CJ | | 16.0 | | 16.0 | |
| | | | | 06/04/1999 | | | | | | | |
| Design Application Infrastructure - common | | D | | 05/03/1999 | | CJ | | 28.0 | | 28.0 | |
| | | | | 06/04/1999 | | | | | | | |
| Design Application Infrastructure Co | | D | | | | | | | | | |
| Design Application Manager | | Cmpl | | 06/11/1999 | | TS | | 0.0 | | 0.0 | |
| | | | | 07/27/1999 | | CJ | | 40.0 | | 40.0 | |
| Design Security Manager | | D | | 06/11/1999 | | TS | | 0.0 | | 0.0 | |
| | | | | 08/06/1999 | | CJ | | 41.0 | | 41.0 | |
| Design Error Manager | | D | | 06/11/1999 | | CJ | | 25.0 | | 25.0 | |
| | | | | 06/11/1999 | | CJ | | 51.0 | | 51.0 | |
| | | | | 10/25/1999 | | | | | | | |
| Design IDES BaseServlet | | D | | 08/18/1999 | | CJ | | 24.0 | | 24.0 | |
| | | | | 08/18/1999 | | | | | | | |
| Design ISM BaseServlet | | D | | 08/25/1999 | | CJ | | 40.0 | | 40.0 | |
| | | | | 08/25/1999 | | | | | | | |
| Design IDES Resource | | D | | 09/07/1999 | | CJ | | 6.0 | | 6.0 | |
| | | | | 09/07/1999 | | | | | | | |
| Design ISM Resource | | D | | 09/08/1999 | | CJ | | 4.0 | | 4.0 | |
| | | | | 09/08/1999 | | | | | | | |
| Design IDES State | | D | | 09/09/1999 | | CJ | | 2.0 | | 2.0 | |
| | | | | 09/09/1999 | | | | | | | |
| Design ISM State | | D | | 09/09/1999 | | CJ | | 2.0 | | 2.0 | |
| | | | | 09/09/1999 | | | | | | | |
| Design List Paging Object | | D | | 09/10/1999 | | LL | | 11.5 | | 11.5 | |
| | | | | 08/13/1999 | | | | | | | |

| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn: | Baseline Estimate | April 2000 15 | ETC | Total | Variance |
|---|--------|-------|-----------------------|----------------------------|--------------------------|-------|----------------------|--------------------------|-----|-------|----------|
| Name | Status | | | | | | | Total Actual Hours | | | |
| Design Forms Submission (common client side) | Cmpl | D | | | 09/24/1999 | | | 12.0 | 0.0 | 12.0 | -12.0 |
| Design Tabs (common client side) | Cmpl | D | | | 10/11/1999 10/29/1999 | TS | | 15.0 | 0.0 | 15.0 | -15.0 |
| Design Form Validation (common client side) | Cmpl | D | | | 08/20/1999 10/29/1999 | TS | | 14.0 | 0.0 | 14.0 | -14.0 |
| Design Error Processing (common client side) | Cmpl | D | | | 08/20/1999 10/29/1999 | TS | | 12.0 | 0.0 | 12.0 | -12.0 |
| Design Field Modification Processing (common client side) | Cmpl | D | | | 10/08/1999 10/29/1999 | TS | | 16.0 | 0.0 | 16.0 | -16.0 |
| Design Browser Identification (common client side) | Cmpl | D | | | 08/20/1999 10/29/1999 | TS | | 2.0 | 0.0 | 2.0 | -2.0 |
| Design Style Sheet Organization (common client side) | Cmpl | D | | | 10/11/1999 11/22/1999 | TS | | 26.0 | 0.0 | 26.0 | -26.0 |
| Design ISM Browser Window (common client side) | Cmpl | D | | | 08/20/1999 10/29/1999 | TS | | 0.0 | 0.0 | 0.0 | 0.0 |
| Design Printing (common client side) | Cmpl | D | | | 03/27/2000 03/28/2000 | TS | | 6.0 | 0.0 | 6.0 | -6.0 |
| Design Other (common client side) | Cmpl | D | | | 01/17/2000 03/21/2000 | TS | | 10.0 | 0.0 | 10.0 | -10.0 |
| Common Client-side proof of concept | Cmpl | | | | 11/01/1999 03/21/2000 | TS | | 38.0 | 0.0 | 38.0 | -38.0 |
| Design Batch Infrastructure (stats, chkp/xrst, error ha | Cmpl | D | | | 10/11/1999 11/29/1999 | KD | | 15.0 | 0.0 | 15.0 | -15.0 |
| Create Application Infrastructure Design Document | Cmpl | | | | 09/09/1999 10/18/1999 | TS | | 66.0 | 0.0 | 66.0 | -66.0 |
| Reserve for Infrastructure Design | Cmpl | | | | 09/27/1999 12/01/1999 | MZ | | 8.0 | 0.0 | 8.0 | -8.0 |
| | | | | | 08/25/1999 08/25/1999 | CJ | 250.0 | 0.0 | 0.0 | 0.0 | 250.0 |
| Develop Basic Data Detail Designs | Cmpl | P | | | 07/30/1999 11/01/1999 | BB | 4.0 | 4.0 | 0.0 | 4.0 | 0.0 |
| ISM Home Page | | | | | 02/25/2000 03/09/2000 | | | | | | |

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|---|--------|---|----------------------|--------------------|-------------------------|------------|--------------------|-----|-------|----------|
| IDES ISM Project | ##### | R | | | | April 2001 | | | | |
| Today's Date: | Status | E | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Project as of Date: | O | P | | | | | | | | |
| Name | Cmpl | P | 03/09/2000 | 07/12/1999 | BB1 | 40.0 | 6.0 | 0.0 | 6.0 | 34.0 |
| User Logon | Cmpl | P | 04/03/2000 | 10/18/1999 | BB | 0.0 | 39.0 | 0.0 | 39.0 | -39.0 |
| Staff Menu | Cmpl | P | 03/10/2000 | 07/30/1999 | BB | 20.0 | 19.0 | 0.0 | 19.0 | 1.0 |
| Display Hierarchy List | Cmpl | D | 04/06/2000 | 11/01/1999 | | | | | | |
| Maintain Hierarchy Detail | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 28.0 | 41.0 | 0.0 | 41.0 | -13.0 |
| Edit Associated Skills | Cmpl | D | 06/21/1999 | 09/27/1999 | | | | | | |
| Maintain Skill | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 56.0 | 108.0 | 0.0 | 108.0 | -52.0 |
| Search Hierarchy | Cmpl | D | 06/29/1999 | 10/04/1999 | | | | | | |
| List/Select Hierarchy Item | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 28.0 | 56.0 | 0.0 | 56.0 | -28.0 |
| Search Skill | Cmpl | D | 07/07/1999 | 10/04/1999 | | | | | | |
| List/Select Skill | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 36.0 | 91.0 | 0.0 | 91.0 | -55.0 |
| Skill Search & Replace | Cmpl | D | 07/12/1999 | 10/04/1999 | | | | | | |
| Search ISM Users | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 28.0 | 35.0 | 0.0 | 35.0 | -7.0 |
| List/Select ISM User | Cmpl | D | 07/19/1999 | 09/27/1999 | | | | | | |
| Maintain Users | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 60.0 | 67.0 | 0.0 | 67.0 | -7.0 |
| Change Password - move task from JM to YZ | Cmpl | D | 08/03/1999 | 09/27/1999 | | | | | | |
| Change Password - YZ | Cmpl | D | 06/16/1999 | 06/25/1999 | RR | 28.0 | 0.0 | 0.0 | 0.0 | 28.0 |
| Build Zip Code Table | Cmpl | D | 09/17/1999 | 09/27/1999 | JM | 0.0 | 31.0 | 0.0 | 31.0 | -31.0 |
| | Cmpl | D | 06/07/1999 | 06/16/1999 | | | | | | |
| | Cmpl | D | 09/17/1999 | 09/27/1999 | JM | 60.0 | 67.0 | 0.0 | 67.0 | -7.0 |
| | Cmpl | D | 08/25/1999 | 09/27/1999 | | | | | | |
| | Cmpl | D | 06/16/1999 | 07/28/1999 | RR | 32.0 | 46.0 | 0.0 | 46.0 | -14.0 |
| | Cmpl | D | 09/17/1999 | 10/04/1999 | | | | | | |
| | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 2.0 | 2.0 | 0.0 | 2.0 | 0.0 |
| | Cmpl | D | 08/24/1999 | 10/18/1999 | SS | 26.0 | 24.0 | 0.0 | 24.0 | 2.0 |
| | Cmpl | D | 06/07/1999 | 06/07/1999 | JM | 2.0 | 2.0 | 0.0 | 2.0 | 0.0 |
| | Cmpl | D | 08/24/1999 | 10/15/1999 | SS | 58.0 | 58.0 | 0.0 | 58.0 | 0.0 |
| | Cmpl | D | 08/30/1999 | 07/09/1999 | SS | 28.0 | 28.0 | 0.0 | 28.0 | 0.0 |
| | Cmpl | D | 09/10/1999 | 10/12/1999 | | | | | | |
| | Cmpl | D | 09/02/1999 | 07/01/1999 | SS | 20.0 | 0.0 | 0.0 | 0.0 | 20.0 |
| | Cmpl | D | 09/16/1999 | 10/04/1999 | JM | 0.0 | 3.0 | 0.0 | 3.0 | -3.0 |
| | Cmpl | D | | 07/01/1999 | YZ | | 60.0 | 0.0 | 60.0 | -60.0 |
| | Cmpl | D | | 10/04/1999 | JM | | 1.0 | 0.0 | 1.0 | -1.0 |
| | Cmpl | D | 06/16/1999 | 07/28/1999 | RR | 32.0 | 97.0 | 0.0 | 97.0 | -65.0 |
| | Cmpl | D | 09/17/1999 | 10/04/1999 | | | | | | |

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|---|--------|---|--------------------------|--------------------------|------|-------------------|--------------------|------------|-------------|---------------|
| IDES ISM Project | ##### | R | | | | April 2000 15 | | | | |
| Today's Date: | Status | E | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Project as of Date: | O | R | | | | | | | | |
| Name | | | | | | | | | | |
| Find Local Office - RR | Cmpl | D | 06/16/1999 09/17/1999 | 07/02/1999 09/17/1999 | RR | 20.0 0.0 | 52.0 3.0 | 0.0 0.0 | 52.0 3.0 | -32.0 -3.0 |
| Design Basic Data Screens | Cmpl | D | | 05/24/1999 | SS | | 21.0 | 0.0 | 21.0 | -21.0 |
| Edit Logon Message Text - RR | Cmpl | D | 07/13/1999 | 07/13/1999 | JM | 0.0 | 26.0 | 0.0 | 26.0 | -26.0 |
| Display Logon Message | Cmpl | | 09/17/1999 | 09/17/1999 | RR | 20.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Job Seeker Instructions | Cmpl | | | 10/15/1999 | KT | | 49.0 | 0.0 | 49.0 | -29.0 |
| Employer Registration Confirmation | Cmpl | | | 10/25/1999 | KT | | 10.0 | 0.0 | 10.0 | -10.0 |
| Maintain Hierarchy Item Title Alias | Cmpl | | | 10/25/1999 | KT | | 10.0 | 0.0 | 10.0 | -10.0 |
| | | | | 10/11/1999 | JM | | 32.0 | 0.0 | 32.0 | -32.0 |
| | | | | 10/25/1999 | | | | | | |
| Develop Administrative System Data | | | | | | | | | | |
| Generate Skills Selection Sheet - moved to YZ | Cmpl | D | 06/07/1999 06/24/1999 | 05/28/1999 09/17/1999 | SS | 12.0 | 12.0 | 0.0 | 12.0 | 0.0 |
| Generate Skills Selection Sheet - YZ | Cmpl | D | | 09/01/1999 | YZ | | 32.0 | 0.0 | 32.0 | -32.0 |
| List/Select Services for Employer | Cmpl | D | 06/07/1999 | 10/27/1999 | SS | 44.0 | 54.0 | 0.0 | 54.0 | -10.0 |
| Maintain Employer Service | Cmpl | D | 07/12/1999 | 09/20/1999 | SS | 32.0 | 55.0 | 0.0 | 55.0 | -23.0 |
| List/Select Services for Applicant | Cmpl | D | 06/07/1999 | 10/01/1999 | SS | 44.0 | 58.0 | 0.0 | 58.0 | -14.0 |
| Maintain Service for Applicant | Cmpl | D | 08/03/1999 | 10/01/1999 | SS | 36.0 | 40.0 | 0.0 | 40.0 | -4.0 |
| List User Communications - merged into Services | Cmpl | D | 08/12/1999 | 10/01/1999 | SS | 44.0 | 44.0 | 0.0 | 44.0 | 0.0 |
| | | | 06/07/1999 | 09/17/1999 | | | | | | |
| | | | 08/24/1999 | | | | | | | |
| Develop Employer Registration Data | | | | | | | | | | |
| Employer Request Registration | Cmpl | P | 04/04/2000 | 07/09/1999 | BB1 | 28.0 | 37.5 | 0.0 | 37.5 | -9.5 |

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|----------------------------------|--|------------|--|------|--|--------------------------|--|--------------------------|--|------|--|-------------------|--|--------------------|--|-----|--|-------|--|----------|--|
| IDES ISM Project | | April 2001 | | | | | | | | | | | | | | | | | | | |
| Today's Date: | | | | | | | | | | | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | | | | | | | | | | |
| Name | | Status | | RETO | | Baseline Start / End | | Actual Start / End | | Assn | | Baseline Estimate | | Total Actual Hours | | ETC | | Total | | Variance | |
| ##### | | | | | | | | | | | | | | | | | | | | | |
| Search Employer Registration | | Cmpl | | P | | 04/12/2000 06/07/1999 | | 10/12/1999 06/07/1999 | | KT | | 28.0 | | 28.0 | | 0.0 | | 28.0 | | 0.0 | |
| List/Select Employer Contact | | Cmpl | | P | | 06/22/1999 06/07/1999 | | 10/11/1999 06/07/1999 | | KT | | 76.0 | | 76.0 | | 0.0 | | 76.0 | | 0.0 | |
| Maintain Corporate Employer | | Cmpl | | P | | 07/13/1999 07/01/1999 | | 10/11/1999 07/01/1999 | | BB | | 44.0 | | 46.0 | | 0.0 | | 46.0 | | -2.0 | |
| Maintain Employer Contact | | Cmpl | | P | | 10/04/1999 07/01/1999 | | 10/04/1999 07/01/1999 | | BB1 | | 44.0 | | 9.5 | | 0.0 | | 9.5 | | 34.5 | |
| Print Employer Contact | | Cmpl | | P | | 07/01/1999 10/04/1999 | | 07/01/1999 10/11/1999 | | BB | | 44.0 | | 62.0 | | 0.0 | | 62.0 | | -18.0 | |
| Print Corporate Employer | | Cmpl | | P | | 05/01/2000 05/18/2000 | | 07/28/1999 11/01/1999 | | KT | | 8.0 | | 9.0 | | 0.0 | | 9.0 | | 35.0 | |
| Search BFS Mirror | | Cmpl | | P | | 05/18/2000 05/19/2000 | | 11/01/1999 06/11/1999 | | KT | | 28.0 | | 27.0 | | 0.0 | | 27.0 | | 1.0 | |
| List/Select BFS Mirror Results | | Cmpl | | P | | 06/11/1999 07/20/1999 | | 09/27/1999 06/11/1999 | | KT | | 68.0 | | 51.0 | | 0.0 | | 51.0 | | 17.0 | |
| Develop Job Order Detail Designs | | | | | | | | | | | | | | | | | | | | | |
| Search Job Order | | Cmpl | | P | | 06/11/1999 08/12/1999 | | 06/11/1999 09/27/1999 | | KT | | 28.0 | | 27.0 | | 0.0 | | 27.0 | | 1.0 | |
| List/Select Job Orders | | Cmpl | | P | | 06/11/1999 09/01/1999 | | 06/11/1999 10/18/1999 | | KT | | 76.0 | | 73.0 | | 0.0 | | 73.0 | | 3.0 | |
| Maintain Job Order | | Cmpl | | P | | 06/07/1999 07/23/1999 | | 06/07/1999 10/18/1999 | | SS1 | | 160.0 | | 160.0 | | 0.0 | | 160.0 | | 0.0 | |
| Print Job Order | | Cmpl | | P | | 05/19/2000 05/22/2000 | | 07/28/1999 10/28/1999 | | AS | | 8.0 | | 2.0 | | 0.0 | | 2.0 | | 6.0 | |
| Maintain Job Order Status | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 10/28/1999 07/28/1999 | | KT | | 0.0 | | 6.0 | | 0.0 | | 6.0 | | -6.0 | |
| Maintain Referral Results | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/28/1999 10/04/1999 | | RR | | 32.0 | | 36.0 | | 0.0 | | 36.0 | | -4.0 | |
| Maintain Job Order Skills | | Cmpl | | P | | 04/26/1999 06/16/1999 | | 10/04/1999 09/17/1999 | | BB | | 52.0 | | 32.0 | | 0.0 | | 32.0 | | 0.0 | |
| | | | | | | | | | | | | | | 51.0 | | 0.0 | | 51.0 | | 1.0 | |

| IDES ISM Project | | ##### | | R E T R O | | Status | | Actual Start / End | | Baseline Start / End | | Assn. Baseline Estimate | | April 2000 15 | | Total Actual Hours | | ETC | | Total | | Variance | |
|--|--|---------------|--|---------------------|--|------------|--|--------------------|--|----------------------|--|-------------------------|--|------------------|--|--------------------|--|-------|--|-------|--|----------|--|
| Name | | Today's Date: | | Project as of Date: | | | | | | | | | | | | | | | | | | | |
| Develop Applicant Registration Data | | | | | | | | | | | | | | | | | | | | | | | |
| List/Select Applicants | | P | | Cmpl | | 06/11/1999 | | 06/11/1999 | | KT | | 76.0 | | 75.0 | | 0.0 | | 75.0 | | 1.0 | | | |
| Maintain Applicant Registration | | P | | Cmpl | | 09/28/1999 | | 09/27/1999 | | SS1 | | 160.0 | | 163.5 | | 0.0 | | 163.5 | | -3.5 | | | |
| Print Applicant Registration | | P | | Cmpl | | 06/07/1999 | | 09/28/1999 | | AS | | 8.0 | | 2.0 | | 0.0 | | 2.0 | | 6.0 | | | |
| Maintain Applicant Skills | | P | | Cmpl | | 05/23/2000 | | 10/28/1999 | | KT | | 0.0 | | 6.0 | | 0.0 | | 6.0 | | -6.0 | | | |
| Maintain Applicant Attributes | | P | | Cmpl | | 05/26/2000 | | 06/16/1999 | | BB | | 52.0 | | 44.0 | | 0.0 | | 44.0 | | 8.0 | | | |
| R2 - Mass Call In | | P | | Cmpl | | 03/10/2000 | | 09/17/1999 | | SS1 | | 88.0 | | 59.5 | | 0.0 | | 59.5 | | 28.5 | | | |
| Maintain Applicant Registration Status | | D | | Cmpl | | 06/07/1999 | | 06/07/1999 | | SS | | 19.0 | | 19.0 | | 0.0 | | 19.0 | | 0.0 | | | |
| Edit/Add Skillset information for Applicant Registration | | D | | Cmpl | | 03/09/2000 | | 10/12/1999 | | MZ | | 32.0 | | 0.0 | | 0.0 | | 0.0 | | 32.0 | | | |
| Search Applicant Registrations | | P | | Cmpl | | 07/09/1999 | | 07/28/1999 | | RR | | 0.0 | | 32.0 | | 0.0 | | 32.0 | | -32.0 | | | |
| Common System - Develop Detail D | | P | | Cmpl | | 10/12/1999 | | 05/05/1999 | | BB | | 30.0 | | 17.0 | | 0.0 | | 17.0 | | 13.0 | | | |
| List Hierarchy Items | | P | | Cmpl | | 05/05/1999 | | 09/17/1999 | | SS | | 5.0 | | 5.0 | | 0.0 | | 5.0 | | 0.0 | | | |
| Search Hierarchy | | P | | Cmpl | | 06/14/1999 | | 05/21/1999 | | KT | | 55.0 | | 67.0 | | 0.0 | | 67.0 | | -12.0 | | | |
| List/Select Hierarchy Results | | P | | Cmpl | | 05/21/1999 | | 06/15/1999 | | BB | | 36.0 | | 69.0 | | 0.0 | | 69.0 | | -33.0 | | | |
| List Hierarchy and Skills | | P | | Cmpl | | 06/23/1999 | | 06/24/1999 | | BB | | 28.0 | | 38.0 | | 0.0 | | 38.0 | | -10.0 | | | |
| Develop Communications Infrastruc | | | | | | | | | | | | | | | | | | | | | | | |

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| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
|---|--|--------|-----------------------|----------------------------|--------------------------|----------------------------|------------------|--------------------------|-----|-------|----------|
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Request Communication | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/08/1999 | MS1 16.0 | | 19.0 | 0.0 | 19.0 | -3.0 |
| Notification-Registration Processed | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/18/1999 | MS1 16.0 | | 21.0 | 0.0 | 21.0 | -5.0 |
| Notification-Job Seeker Referral | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/18/1999 | MS1 16.0 | | 23.0 | 0.0 | 23.0 | -7.0 |
| Notification-Employer Referral | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/18/1999 | MS1 16.0 | | 22.0 | 0.0 | 22.0 | -6.0 |
| Notification-Employer Match | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/25/1999 | MS1 16.0 | | 22.0 | 0.0 | 22.0 | -6.0 |
| Notification-Job Seeker Match | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/25/1999 | MS1 16.0 | | 25.0 | 0.0 | 25.0 | -9.0 |
| R2 - Communications Purge (Purge CTT) | | Cmpl | D | 07/28/1999 12/26/2000 | 07/28/1999 12/26/2000 | MS1 2.0 | | 2.0 | 0.0 | 2.0 | 0.0 |
| Create BFS Correspondence File | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/08/1999 | YZ 64.0 | | 66.0 | 0.0 | 66.0 | -2.0 |
| Load BFS Correspondence File into BFS | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/11/1999 | YZ 32.0 | | 32.0 | 0.0 | 32.0 | 0.0 |
| Common Message Merge - moved to SS | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/08/1999 | YZ 128.0 | | 10.0 | 0.0 | 10.0 | 118.0 |
| Common Message Merge - SS | | Cmpl | D | | 09/01/1999 10/20/1999 | SS 64.0 | | 118.0 | 0.0 | 118.0 | -118.0 |
| Create PNS File | | Cmpl | D | 03/26/1999 06/14/1999 | 03/26/1999 10/08/1999 | SS 16.0 | | 64.0 | 0.0 | 64.0 | 0.0 |
| Flat File Template Load Program - moved to RR | | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/08/1999 | MS1 1.0 | | 1.0 | 0.0 | 1.0 | 15.0 |
| Flat File Template Load Program | | Cmpl | D | | 09/23/1999 10/11/1999 | RR 64.0 | | 39.0 | 0.0 | 39.0 | -39.0 |
| Format & Send E-Mail Messages | | Cmpl | D | 06/16/1999 09/17/1999 | 07/19/1999 09/29/1999 | YZ 115.0 | | 115.0 | 0.0 | 115.0 | -51.0 |
| Notification-Case Manager Referral | | Cmpl | | | 10/13/1999 10/25/1999 | MS1 24.0 | | 24.0 | 0.0 | 24.0 | -24.0 |

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|---|--|------------|--|--------------------------|--|--------------------------|--|-------------------------|--|--------------------|--|
| IDES ISM Project | | April 2005 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | Total Actual Hours | |
| ##### | | R E T R O | | | | | | | | | |
| Develop Job Matching Detail Design | | | | | | | | | | | |
| List/Select Qualified Candidate | | P | | 06/07/1999 10/12/1999 | | 06/07/1999 09/24/1999 | | BB1 | | 44.0 | |
| Process Qualified Candidate | | P | | 05/26/2000 06/15/2000 | | 06/16/1999 09/27/1999 | | BB1 | | 88.0 | |
| Select Qualified Job Order | | P | | 07/12/1999 10/21/1999 | | 07/12/1999 10/21/1999 | | AS | | 2.0 | |
| Process Qualified Job Order | | P | | 06/16/1999 09/17/1999 | | 06/16/1999 10/08/1999 | | BB1 | | 77.0 | |
| Process Referral Action List | | P | | 06/07/1999 02/18/2000 | | 06/07/1999 02/18/2000 | | BB1 | | 52.0 | |
| Job Order Initiated Match | | P | | 06/07/1999 02/24/2000 | | 06/07/1999 02/24/2000 | | BB1 | | 32.0 | |
| Applicant Initiated Match | | P | | 06/07/1999 03/08/2000 | | 06/07/1999 09/20/1999 | | BB | | 0.0 | |
| Develop Interfaces Detail Design | | | | | | | | | | | |
| Process Welfare Records | | D | | 06/16/1999 09/17/1999 | | 07/28/1999 10/18/1999 | | MS1 | | 64.0 | |
| Create Employer File | | D | | 06/16/1999 09/17/1999 | | 07/28/1999 10/18/1999 | | MS1 | | 32.0 | |
| R2 - EI&A / LMI Interface for Wage Ranges | | D | | 04/30/1999 12/26/2000 | | 04/30/1999 12/26/2000 | | JM | | 36.0 | |
| Process Wage Records | | D | | 06/16/1999 09/17/1999 | | 07/28/1999 10/15/1999 | | MS1 | | 64.0 | |
| Process New Hire Registry | | D | | 06/16/1999 09/17/1999 | | 07/28/1999 10/07/1999 | | MS1 | | 64.0 | |
| Reserve-ENDS Design | | D | | 06/16/1999 09/17/1999 | | 12/01/1999 12/29/1999 | | BP | | 64.0 | |
| Update Claimant History | | D | | 06/16/1999 09/17/1999 | | 07/28/1999 10/11/1999 | | YZ | | 64.0 | |
| Reserve for PK-ENDS Design | | Cmpl | | 09/17/1999 | | 11/15/1999 12/02/1999 | | BP | | 0.0 | |
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| IDES ISM Project | | April 2005 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| Status | | R E T R O | | Assn: Baseline Estimate | | Total Actual Hours | | ETC | | Total | |
| ##### | | | | | | | | | | | |
| Create ENDS Applicant File - PK, not JM | | D | | 03/26/1999 PK | | 29.0 | | 0.0 | | 29.0 | |
| Create ENDS Order File - PK, not JM | | D | | 08/03/1999 JM | | 99.0 | | 0.0 | | 99.0 | |
| Create ENDS Referral File - PK, not JM | | D | | 03/26/1999 PK | | 32.0 | | 0.0 | | 32.0 | |
| Create ENDS Service File - PK, not JM | | D | | 08/11/1999 JM | | 80.0 | | 0.0 | | 80.0 | |
| Common Reporting Interface | | D | | 03/29/1999 PK | | 41.0 | | 0.0 | | 41.0 | |
| | | D | | 08/13/1999 JM | | 61.0 | | 0.0 | | 61.0 | |
| | | D | | 03/26/1999 PK | | 18.0 | | 0.0 | | 18.0 | |
| | | D | | 12/13/1999 JM | | 86.0 | | 0.0 | | 86.0 | |
| | | D | | 10/01/1999 RR | | 40.0 | | 0.0 | | 40.0 | |
| | | | | 11/08/1999 | | | | | | | |
| | | D | | 07/28/1999 AF | | 8.0 | | 0.0 | | 8.0 | |
| | | D | | 08/03/1999 AF | | | | | | | |
| | | D | | 07/30/1999 AF | | 94.0 | | 0.0 | | 94.0 | |
| | | D | | 10/25/1999 YZ | | 4.0 | | 0.0 | | 4.0 | |
| | | D | | 07/28/1999 YZ | | | | | | | |
| | | D | | 07/28/1999 AF | | 40.0 | | 0.0 | | 40.0 | |
| | | D | | 10/22/1999 AF | | 33.0 | | 0.0 | | 33.0 | |
| | | D | | 10/04/1999 AF | | | | | | | |
| | | D | | 12/06/1999 AF | | 0.0 | | 0.0 | | 0.0 | |
| | | D | | 10/15/1999 AF | | 20.0 | | 0.0 | | 20.0 | |
| | | D | | 12/09/1999 AF | | | | | | | |
| | | D | | 07/26/1999 AF | | 13.0 | | 0.0 | | 13.0 | |
| | | D | | 10/15/1999 AF | | | | | | | |
| | | D | | 07/26/1999 AF | | 65.0 | | 0.0 | | 65.0 | |
| | | D | | 10/15/1999 AF | | | | | | | |
| | | D | | 07/26/1999 AF | | 0.0 | | 0.0 | | 0.0 | |
| | | D | | 09/17/1999 AF | | | | | | | |
| | | D | | 06/16/1999 AF | | 4.0 | | 0.0 | | 4.0 | |
| | | D | | 09/17/1999 AF | | | | | | | |
| | | D | | 06/16/1999 AF | | 4.0 | | 0.0 | | 4.0 | |
| | | D | | 09/17/1999 AF | | | | | | | |
| | | D | | 06/16/1999 AF | | 4.0 | | 0.0 | | 4.0 | |
| | | D | | 09/17/1999 AF | | | | | | | |

Develop Conversion/Pilot Detail Des

Conversion Strategy Approach (Document)

Conversion Research, Gap Analysis, etc

Investigate Load Utilities

Pilot Research and Analysis

Conversion Team Support

Reserve - Job Order Extract Exception and Ctrl Rpts

Job Applicant Extract Exception and Control Report

Extract Job Applicant Information and create files to

Load Registered Job Seeker table (JS) from extract

Load Job Seeker Skill table (JS_SKILL) from extract

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| IDES ISM Project | | ##### | | R E T R O | | Actual Start / End | | Assn | | Baseline Estimate | | April 2005 | | Total Actual Hours | | ETC | | Total | | Variance | |
|---|--|--------|--|-----------------------|--|----------------------------|--|--------------------------|--|----------------------|--|------------|--|--------------------------|--|-----|--|-------|--|----------|--|
| Name | | Status | | | | Baseline Start / End | | | | | | | | | | | | | | | |
| Today's Date: Project as of Date: | | ##### | | | | | | | | | | | | | | | | | | | |
| Load Job Seeker Work History table (JS_WRK_HST) | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load Job Seeker Special Program tbl (JS_SPC_PG) | | Cmpl | | D | | | | 07/26/1999 09/17/1999 | | AF | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | |
| Load Job Seeker Status table (JS_STAT) - set job se | | Cmpl | | D | | | | 07/26/1999 09/17/1999 | | AF | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | |
| Extract Job Applicant Services provided by ES | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 10/15/1999 | | AF | | 60.0 | | 102.0 | | 0.0 | | 102.0 | | -42.0 | |
| Load Job Seeker Services Provided (JS_SRVC_PRO) | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Reserve - Manual Job Orders and Emplr Registr from | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 12/01/1999 01/27/2000 | | BP | | 60.0 | | 0.0 | | 0.0 | | 0.0 | | 60.0 | |
| Load Job Order table (JO) from extracted file from CL | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load Job Order Stat table (JO_STAT) from extracted | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load Job Order Skill table (JO_SKILL) from extracted | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Convert Title Alias Data | | Cmpl | | | | | | 10/13/1999 11/01/1999 | | AF | | | | 7.0 | | 0.0 | | 7.0 | | -7.0 | |
| Export Cluster, Group, Title, Skill-Title, and Skill data | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 09/27/1999 11/01/1999 | | AF | | 4.0 | | 59.0 | | 0.0 | | 59.0 | | -55.0 | |
| Load Cluster table (CLUSTER) from Paradox data. | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load Group (GROUP) table from Paradox data. | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | -0.0 | | 4.0 | |
| Load Title (TITLE) table from Paradox data. | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 10/26/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load Skills (SKILL) table from Paradox data. | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load Title-Skills (TITL_SKL) table from Paradox data | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |
| Load CLD table (C_L_DICT). | | Cmpl | | D | | 06/16/1999 09/17/1999 | | 07/26/1999 09/17/1999 | | AF | | 4.0 | | 0.0 | | 0.0 | | 0.0 | | 4.0 | |

| IDES ISM Project | | ##### | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn. Estimate | | April 2001 15 | | ETC | | Total | | Variance | |
|---|--|--------|---|-----------------------|--|----------------------------|------------|--------------------------|------------|----------------|------|------------------|-----|-----|-----|-------|-----|----------|--|
| Today's Date: Project as of Date: | | Status | | | | Baseline Start / End | | Actual Start / End | | Assn. Estimate | | | | | | | | | |
| Name | | Status | | | | Baseline Start / End | | Actual Start / End | | Assn. Estimate | | | | | | | | | |
| Load Local Office table (LOC_OFF). | | Cmpl | D | | | 06/16/1999 | 06/16/1999 | 07/26/1999 | 07/26/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load County table (COUNTY). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load DOT Code table (DOT_CODE). | | Cmpl | D | | | 06/16/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Edit Codes Base table (ES_CD_TB). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 10/26/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load ES Edit Codes table (ES_CODES). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load IETC Partner table (IETC_PRT). | | Cmpl | D | | | 06/16/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Office Location table (OFFC_LOC). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 10/26/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Organizational Office table (OFFC_ORG). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Extract Applicant Referrals from ODDS | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 60.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 60.0 | |
| Load Qualified Active Candidate table (QUAL_REF). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Employer Registration table (REG_EMP). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Service Delivery Area table (SDA). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Security table (SECURITY). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Service table (SERVICE). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load SIC Code table (SIC_CODE). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load SOC Code table (SOC_CODE). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Staff table (STAFF). | | Cmpl | D | | | 09/17/1999 | 06/16/1999 | 07/26/1999 | 09/17/1999 | AF | 4.0 | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | |

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| IDES ISM Project | | April 2005 | | | | | | | | | |
|--|--------|-----------------------|-------|----------------------------|--------------------------|----------------------------|--------------------------|-----|-------|----------|--|
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | Status | R E T R O | ##### | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| | | | | | | | | | | | |
| Load STDK table (STDK). | Cmpl | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Occupational Relation ISM/DOT table (TITL_DOTCmpl | | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Occupational Relation ISM/SIC table (TITL_SICCmpl | | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Occupational Relation ISM/SOC table (TITL_SOCmpl | | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Zip to Zip Proximity table (ZIP2ZIP) | Cmpl | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Zip Code table (ZIP_CODE). | Cmpl | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load DOT-SOC table. | Cmpl | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 4.0 | 0.0 | 0.0 | 0.0 | 4.0 | |
| Load Special Program table (SPCL_PGM) (20 hours) | Cmpl | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 20.0 | 0.0 | 0.0 | 0.0 | 20.0 | |
| Load Service Provider Service table (SPRV_SRV). (2Cmpl | | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 20.0 | 0.0 | 0.0 | 0.0 | 20.0 | |
| Load Service Provider table (SRV_PROV). (20 HOURCmpl | | D | | 06/16/1999 09/17/1999 | 07/26/1999 09/17/1999 | AF 20.0 | 0.0 | 0.0 | 0.0 | 20.0 | |
| Develop Reporting Detail Designs | | | | | | | | | | | |
| Daily Activity Report | Cmpl | D | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 58.0 | 0.0 | 58.0 | -58.0 | |
| Daily Result Report | Cmpl | D | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 20.0 | 0.0 | 20.0 | -20.0 | |
| Non-Compliance Report | Cmpl | D | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 27.0 | 0.0 | 27.0 | -27.0 | |
| Employer Activity Report | Cmpl | D | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 2.0 | 0.0 | 2.0 | -2.0 | |
| Job Orders Requiring Manual Communications Repor | Cmpl | D | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 25.0 | 0.0 | 25.0 | -25.0 | |
| New/Changed Job Orders Report | Cmpl | D | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 46.0 | 0.0 | 46.0 | -46.0 | |
| | | | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 27.0 | 0.0 | 27.0 | -27.0 | |
| | | | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 16.0 | 0.0 | 16.0 | -16.0 | |
| | | | | 08/09/1999 10/25/1999 | 08/09/1999 10/25/1999 | AL MZ | 0.0 | 0.0 | 0.0 | 0.0 | |

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| IDES ISM Project | | | | | | | | | | |
|---|--------|------------------|----------------------------|--|------------------------------------|---|---|--|---|--|
| Today's Date: Project as of Date: | | | | | | | | | | |
| April 2000 15 | | | | | | | | | | |
| Name | Status | R E T O | Baseline Start / End | Actual Start / End | Assn: | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Detail Design Deliverable Support | Cmpl | D | | | | | | | | |
| Reserve for Detail Design | Cmpl | P | 04/05/1999 09/30/1999 | 07/16/1999 11/01/1999 06/25/1999 12/27/1999 | JM SS MZ BP AS | 0.0 0.0 550.0 | 50.0 50.0 12.0 0.0 46.0 | 0.0 0.0 0.0 0.0 0.0 | 50.0 50.0 12.0 0.0 46.0 | -50.0 -50.0 -12.0 0.0 504.0 |
| R2 Designs Completed in R1 | | | | | | | | | | |
| Release2 - Request Self Service Jobs | Cmpl | D | 06/07/1999 08/27/1999 | 05/28/1999 09/17/1999 | SS | 20.0 | 20.0 | 0.0 | 20.0 | 0.0 |
| Release2 - List Self Service Jobs | Cmpl | D | 05/10/1999 06/14/1999 | 05/10/1999 09/17/1999 | SS | 36.0 | 36.0 | 0.0 | 36.0 | 0.0 |
| Release2 - Process Federal Contractor Information | Cmpl | D | 06/16/1999 09/17/1999 | 07/28/1999 10/18/1999 | YZ | 64.0 | 64.0 | 0.0 | 64.0 | 0.0 |
| Conclude DD Subphase | | | | | | | | | | |
| MJR- Detail Design Complete | Cmpl | | 09/30/1999 | 10/29/1999 | BP AS TL | | | | | |
| Project Mgmt Tasks - AS Dev T | | | | | | | | | | |
| Project Management & Control | | | | | | | | | | |
| Weekly Status Issues Meetings (2-3 hrs / week) | Cmpl | | 03/01/1999 03/31/2000 | 03/01/1999 04/03/2000 | BB1 SS1 KT BB AS | 117.0 134.0 131.0 170.0 235.0 | 114.5 159.5 84.0 185.0 230.0 | 0.0 0.0 0.0 0.0 0.0 | 114.5 159.5 84.0 185.0 230.0 | 2.5 -25.5 47.0 -15.0 5.0 |
| Weekly Status/Issues Meetings (2-3 hrs / week) | Cmpl | | 10/18/1999 03/31/2000 | 10/18/1999 04/03/2000 | GK SK SK1 TL1 DA AS | 60.0 60.0 60.0 60.0 60.0 164.0 | 42.0 49.0 44.0 51.0 58.0 166.0 | 0.0 0.0 0.0 0.0 0.0 0.0 | 42.0 49.0 44.0 51.0 58.0 166.0 | 18.0 11.0 16.0 9.0 2.0 -2.0 |
| Maintain Detailed Work Plan | Cmpl | | 06/01/1999 03/31/2000 | 06/01/1999 03/31/2000 | | | | | | |

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| IDES ISM Project | ##### | R E T R O | | | | April 2001 15 | | | | |
| Today's Date: | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | |
| Name | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Manage Team | Cmpl | | 06/01/1999 03/31/2000 | 06/01/1999 03/31/2000 | AS 164.0 | | 476.0 | 0.0 | 476.0 | 100.0 |
| Resolve Variances and Address Problems | Cmpl | | 06/01/1999 03/31/2000 | 06/01/1999 03/31/2000 | AS 164.0 | | 86.0 | 0.0 | 86.0 | 78.0 |
| Manage Issues and Changes | Cmpl | | 06/01/1999 03/31/2000 | 06/01/1999 03/31/2000 | AS 164.0 | | 92.0 | 0.0 | 92.0 | 72.0 |
| Manage/Acceptance of Deliverables | Cmpl | | 06/01/1999 03/31/2000 | 06/01/1999 03/31/2000 | AS 40.0 | | 45.0 | 0.0 | 45.0 | -5.0 |
| Write Team Member Expectations | Cmpl | | 04/01/1999 06/30/1999 | 04/01/1999 06/30/1999 | AS 20.0 | | 20.0 | 0.0 | 20.0 | 0.0 |
| Reserve for AS Development Tasks | Cmpl | | 10/18/1999 03/31/2000 | 10/18/1999 03/31/2000 | AS 106.0 | | 0.0 | 0.0 | 0.0 | 106.0 |
| Maintain Prototype for Marketing | | | | | | | | | | |
| Update prototype for new look and feel | Cmpl | | 01/10/2000 02/11/2000 | 01/10/2000 02/28/2000 | RD 200.0 | | 259.0 | 0.0 | 259.0 | -59.0 |
| Support prototype presentations (12/21 Spg fld, 12/23 Cmpl | Cmpl | | | 12/21/1999: AS 12/23/1999 | | | 12.0 | 0.0 | 12.0 | -12.0 |
| Revise prototype as needed for marketing presentati | Cmpl | | | 11/01/1999: AS 03/10/2000 | | | 40.0 | 0.0 | 40.0 | -40.0 |
| Revise prototype "movie" | Cmpl | | | 02/14/2000: AS 03/10/2000: RD | | | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | 25.0 | 0.0 | 25.0 | -25.0 |
| Code/Unit Test Startup | | | | | | | | | | |
| Code/Test Orientation & Startup | | | | | | | | | | |
| ISM Orientation | Cmpl | | | 10/18/1999: GK 01/21/2000: SK | | | 32.0 | 0.0 | 32.0 | -32.0 |
| | | | | | SK1 | | 57.0 | 0.0 | 57.0 | -57.0 |
| | | | | | TL1 | | 61.0 | 0.0 | 61.0 | -61.0 |
| | | | | | DA | | 95.0 | 0.0 | 95.0 | -95.0 |
| | | | | | SS1 | | 32.0 | 0.0 | 32.0 | -32.0 |
| Development Orientation | Cmpl | | | 10/22/1999: SS1 01/21/2000: KT | | | 35.0 | 0.0 | 35.0 | -35.0 |
| | | | | | | | 24.0 | 0.0 | 24.0 | -24.0 |

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| IDES ISM Project | | April 2005 | | | | | | | | | | | |
| Today's Date: | | 15 | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | | |
| Name | | | | | | | | | | | | | |
| ##### | | R E T R O | | Status | | Assn | | Baseline Estimate | | Total Actual Hours | | ETC | |
| Provide Tech Support for Team (4 hrs max/week) | | Cmpl | | 10/18/1999 01/07/2000 | | 10/18/1999 01/24/2000 | | BB | | 48.0 | | 48.0 | |
| Code/Test Plan Reviews (4 hrs max/week) | | Cmpl | | 10/18/1999 01/07/2000 | | 10/18/1999 03/06/2000 | | KT | | 48.0 | | 44.0 | |
| Build 1 String Testing | | | | | | | | | | | | | |
| Write String Test Plan | | Cmpl | | 12/17/1999 12/29/1999 | | 12/03/1999 03/06/2000 | | KT | | 35.0 | | 34.0 | |
| Execute String Test Plan | | Cmpl | | 01/10/2000 01/14/2000 | | 01/21/2000 03/06/2000 | | KT | | 35.0 | | 104.0 | |
| Build 1 Code/Unit Test | | | | | | | | AS | | 35.0 | | 0.0 | |
| ISM Home Page | | Cmpl | | 10/25/1999 11/04/1999 | | 11/05/1999 01/24/2000 | | DA | | 46.0 | | 176.0 | |
| User Logon | | Cmpl | | 11/04/1999 12/01/1999 | | 11/12/1999 02/11/2000 | | DA | | 92.0 | | 241.0 | |
| Validate User Login (SP001) | | Cmpl | | 12/01/1999 12/02/1999 | | 12/10/1999 01/14/2000 | | DA | | 10.0 | | 0.0 | |
| Staff Menu | | Cmpl | | 12/03/1999 12/17/1999 | | 12/17/1999 01/24/2000 | | DA | | 46.0 | | 56.0 | |
| Employer Registration Confirmation | | Cmpl | | 12/17/1999 01/03/2000 | | 11/12/1999 01/17/2000 | | SK | | 46.0 | | 56.0 | |
| Search Hierarchy | | Cmpl | | 11/08/1999 12/03/1999 | | 10/25/1999 01/24/2000 | | TL1 | | 64.0 | | 68.0 | |
| List/Select Hierarchy Results | | Cmpl | | 11/22/1999 12/20/1999 | | 10/29/1999 02/11/2000 | | TL1 | | 74.0 | | 270.0 | |
| Hierarchy Keyword Search (SP028) | | Cmpl | | 12/17/1999 12/28/1999 | | 11/05/1999 01/24/2000 | | TL1 | | 28.0 | | 28.0 | |
| List Hierarchy and Skills | | Cmpl | | 11/01/1999 11/30/1999 | | 10/29/1999 01/31/2000 | | BB | | 100.0 | | 191.0 | |
| Trace Hierarchy (SP059) | | Cmpl | | 12/01/1999 12/07/1999 | | 11/05/1999 12/07/1999 | | BB | | 28.0 | | 21.0 | |
| Maintain Session Skill (SP133) | | Cmpl | | | | 11/22/1999 11/22/1999 | | BB | | 0.0 | | 0.0 | |

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| IDES ISM Project | | R E T R O | | Baseline Start / End | Actual Start / End | Assn: | Baseline Estimate | April 2000 15 | Total Actual Hours | ETC | Total | Variance |
|---|--|-----------|--|----------------------------|--------------------------|-------|----------------------|------------------|--------------------------|-----|-------|----------|
| Name | | Status | | Baseline Start / End | Actual Start / End | Assn: | Baseline Estimate | April 2000 15 | Total Actual Hours | ETC | Total | Variance |
| Employer Request for Registration | | ##### | | 10/18/1999 10/29/1999 | 10/18/1999 10/29/1999 | BB1 | 64.0 | | 290.0 | 0.0 | 290.0 | -226.0 |
| Create Employer Contact (SP029) | | Cmpl | | 11/01/1999 11/05/1999 | 11/01/1999 11/05/1999 | BB1 | 28.0 | | 42.5 | 0.0 | 42.5 | -14.5 |
| Create User Login (SP096) | | Cmpl | | 11/08/1999 11/12/1999 | 11/08/1999 11/12/1999 | BB1 | 28.0 | | 167.5 | 0.0 | 167.5 | -139.5 |
| List/Select Job Order | | Cmpl | | 11/01/1999 11/16/1999 | 11/01/1999 11/16/1999 | SK | 54.0 | | 213.0 | 0.0 | 213.0 | -159.0 |
| Build/Maintain List of Job Order Keys (SP018) | | Cmpl | | 11/16/1999 12/03/1999 | 11/16/1999 12/03/1999 | SK | 50.0 | | 70.0 | 0.0 | 70.0 | -20.0 |
| Count Job Orders (SP019) | | Cmpl | | 12/03/1999 12/06/1999 | 12/03/1999 12/06/1999 | SK | 10.0 | | 46.0 | 0.0 | 46.0 | -36.0 |
| Retrieve Job Order Details (SP100) | | Cmpl | | 12/03/1999 12/17/1999 | 12/03/1999 12/17/1999 | SK | 50.0 | | 70.0 | 0.0 | 70.0 | -20.0 |
| Maintain Job Order | | Cmpl | | 10/18/1999 12/17/1999 | 10/18/1999 12/17/1999 | SS1 | 260.0 | | 364.0 | 0.0 | 364.0 | -104.0 |
| Create/Update Job Order (SP020) | | Cmpl | | 12/20/1999 01/07/2000 | 12/20/1999 01/07/2000 | SS1 | 72.0 | | 137.5 | 0.0 | 137.5 | -65.5 |
| Create/Update Job Order Benefits (SP277) | | Cmpl | | 11/15/1999 12/08/1999 | 11/15/1999 12/08/1999 | SS1 | | | 0.0 | 0.0 | 0.0 | 0.0 |
| List/Select Qualified Candidate | | Cmpl | | 12/08/1999 12/09/1999 | 12/08/1999 12/09/1999 | BB1 | 92.0 | | 23.0 | 0.0 | 23.0 | 69.0 |
| Build/Maintain List of Qualified Candidate Keys (SP018) | | Cmpl | | 12/21/1999 12/21/1999 | 12/21/1999 12/21/1999 | SK1 | 0.0 | | 94.0 | 0.0 | 94.0 | -94.0 |
| Retrieve Qualified Candidate Details (SP048) | | Cmpl | | 01/05/2000 01/06/2000 | 01/05/2000 01/06/2000 | BB1 | 50.0 | | 0.0 | 0.0 | 0.0 | 50.0 |
| Count Qualified Candidates (SP049) | | Cmpl | | 01/07/2000 11/01/1999 | 01/07/2000 11/01/1999 | SK1 | 0.0 | | 60.0 | 0.0 | 60.0 | -60.0 |
| Process Qualified Candidate | | Cmpl | | 12/07/1999 12/07/1999 | 12/07/1999 12/07/1999 | BB1 | 50.0 | | 0.0 | 0.0 | 0.0 | 50.0 |
| Referral Request (SP022) | | Cmpl | | 12/14/1999 12/08/1999 | 12/14/1999 12/08/1999 | SK1 | 10.0 | | 60.0 | 0.0 | 60.0 | -60.0 |
| Job Order Initiated Match (SP024) | | Cmpl | | 01/07/2000 01/07/2000 | 01/07/2000 01/07/2000 | KT | 120.0 | | 258.0 | 0.0 | 258.0 | -138.0 |
| | | | | | | KT | 28.0 | | 104.0 | 0.0 | 104.0 | -76.0 |
| | | | | | | BB | 72.0 | | 136.0 | 0.0 | 136.0 | -64.0 |

| IDES ISM Project | | ##### | RETRO | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2001 | ETC | Total | Variance |
|---|--------|-------|-------|--------------------------|--------------------------|------------------------|----------------------------|------------------------------|--------------------------|------------------------------|--------------------------------|
| Name | Status | | | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2001 | ETC | Total | Variance |
| Build 2 Q/A Tasks | | | | | | | | | | | |
| Provide Tech Support for Team (4 hrs max/week) | Cmpl | | | 01/10/2000 02/25/2000 | 01/10/2000 03/13/2000 | BB | 28.0 | 23.0 | 0.0 | 23.0 | 5.0 |
| Code/Test Plan Reviews (4 hrs max/week) | Cmpl | | | 01/10/2000 02/25/2000 | 01/10/2000 03/27/2000 | SS1 | 28.0 | 27.0 | 0.0 | 27.0 | 1.0 |
| Build 2 String Testing | | | | | | | | | | | |
| Write String Test Plan | Cmpl | | | 02/14/2000 02/25/2000 | 02/14/2000 03/17/2000 | SS1 | 70.0 | 4.0 | 0.0 | 4.0 | 66.0 |
| Execute String Test Plan | Cmpl | | | 02/28/2000 03/10/2000 | 03/27/2000 04/13/2000 | SK1 GK BB SS1 | 0.0 0.0 70.0 70.0 | 29.0 43.0 30.0 75.0 | 0.0 0.0 0.0 0.0 | 29.0 43.0 30.0 75.0 | -29.0 -43.0 40.0 -5.0 |
| Build 2 Code/Unit Test | | | | | | | | | | | |
| Maintain Applicant Registration | Cmpl | | | 01/10/2000 02/25/2000 | 01/24/2000 03/28/2000 | SS1 BB | 144.0 116.0 | 232.0 110.0 | 0.0 0.0 | 232.0 110.0 | -88.0 6.0 |
| Create/Update Applicant Work Hist. Education (SP0) | Cmpl | | | 01/10/2000 01/24/2000 | 01/24/2000 03/27/2000 | BB | 72.0 | 83.0 | 0.0 | 83.0 | -11.0 |
| Create/Update Job Seeker Status (SP???) | Cmpl | | | 01/24/2000 | 03/10/2000 03/20/2000 | BB | | 14.0 | 0.0 | 14.0 | -14.0 |
| Create/Update/Delete Applicant Work History (SP082) | Cmpl | | | 01/24/2000 02/02/2000 | 01/24/2000 02/25/2000 | BB | 50.0 | 25.0 | 0.0 | 25.0 | 25.0 |
| Create/Update/Delete Applicant Education (SP105) | Cmpl | | | 02/02/2000 02/11/2000 | 01/24/2000 03/03/2000 | BB | 50.0 | 22.0 | 0.0 | 22.0 | 28.0 |
| Capture Job Seeker Veteran Information | Cmpl | | | 11/08/1999 12/10/1999 | 11/12/1999 03/20/2000 | SK1 DA | 116.0 0.0 | 35.0 169.0 | 0.0 0.0 | 35.0 169.0 | 81.0 -169.0 |
| Create Veteran Information (SP121) | Cmpl | | | 12/10/1999 12/28/1999 | 12/03/1999 03/03/2000 | SK1 DA | 50.0 0.0 | 25.0 0.0 | 0.0 0.0 | 25.0 0.0 | 25.0 0.0 |
| Update Veteran Information (SP122) | Cmpl | | | 12/28/1999 01/11/2000 | 12/10/1999 02/25/2000 | SK1 | 50.0 | 8.0 | 0.0 | 8.0 | 42.0 |
| Job Seeker Instructions | Cmpl | | | 02/02/2000 | 01/24/2000 | SK | 46.0 | 36.0 | 0.0 | 36.0 | 10.0 |

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| IDES ISM Project | | R E T R O | | April 2001 15 | | | | | |
| Today's Date: Project as of Date: | | ##### | | | | | | | |
| Name | Status | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| Search Employer Registration | Cmpl | 02/11/2000 01/03/2000 | 03/14/2000 11/05/1999 | 64.0 | 115.0 | 0.0 | 115.0 | -51.0 | |
| List/Select Employer Contact | Cmpl | 01/14/2000 01/17/2000 | 03/21/2000 11/29/1999 | 54.0 | 134.0 | 0.0 | 134.0 | -80.0 | |
| Build/Maintain List of Employer Contact Keys (SP033) | Cmpl | 01/26/2000 01/26/2000 | 03/21/2000 12/03/1999 | 50.0 | 49.0 | 0.0 | 49.0 | 1.0 | |
| Count Employer Contact (SP034) | Cmpl | 02/04/2000 02/07/2000 | 01/31/2000 11/19/1999 | 10.0 | 79.0 | 0.0 | 79.0 | -69.0 | |
| Retrieve Employer Contact Details (SP097) | Cmpl | 02/08/2000 02/17/2000 | 01/31/2000 11/26/1999 | 50.0 | 49.0 | 0.0 | 49.0 | 1.0 | |
| Maintain Corporate Employer | Cmpl | 01/10/2000 02/01/2000 | 01/24/2000 03/27/2000 | 116.0 | 66.0 | 0.0 | 66.0 | 50.0 | |
| Create Corporate Employer (SP031) | Cmpl | 02/01/2000 02/07/2000 | 01/24/2000 02/28/2000 | 28.0 | 28.0 | 0.0 | 28.0 | 0.0 | |
| Update Corporate Employer (SP032) | Cmpl | 02/07/2000 02/11/2000 | 01/24/2000 02/28/2000 | 28.0 | 28.0 | 0.0 | 28.0 | 0.0 | |
| Maintain Employer Contact | Cmpl | 01/12/2000 02/03/2000 | 11/05/1999 04/04/2000 | 116.0 | 241.0 | 0.0 | 241.0 | -125.0 | |
| Create Employer Contact (SP029) | Cmpl | 02/03/2000 02/09/2000 | 12/10/1999 03/03/2000 | 28.0 | 36.0 | 0.0 | 36.0 | -8.0 | |
| Update Employer Contact (SP030) | Cmpl | 02/09/2000 02/15/2000 | 12/10/1999 03/03/2000 | 28.0 | 40.0 | 0.0 | 40.0 | -12.0 | |
| Search Job Order | Cmpl | 02/11/2000 02/11/2000 | 03/03/2000 12/30/1999 | 64.0 | 117.0 | 0.0 | 117.0 | -53.0 | |
| List/Select JS Qual Job Orders | Cmpl | 02/24/2000 11/08/1999 | 03/23/2000 01/24/2000 | 54.0 | 45.0 | 0.0 | 45.0 | 9.0 | |
| Build/Maintain List of Qualified Job Order Keys (SP066) | Cmpl | 11/19/1999 11/22/1999 | 03/24/2000 01/24/2000 | 50.0 | 38.0 | 0.0 | 38.0 | 12.0 | |
| Retrieve Qualified Job Order Details (SP064) | Cmpl | 12/08/1999 12/08/1999 | 03/06/2000 01/24/2000 | 50.0 | 38.0 | 0.0 | 38.0 | 12.0 | |
| Count Qualified Job Orders (SP065) | Cmpl | 12/23/1999 12/27/1999 | 03/06/2000 01/24/2000 | 10.0 | 4.0 | 0.0 | 4.0 | 6.0 | |
| Process Qualified Job Order | Cmpl | 12/28/1999 01/17/2000 | 03/06/2000 10/31/2000 | 120.0 | 152.0 | 0.0 | 152.0 | -32.0 | |

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| IDES ISM Project | | April 2005 | | | | | | | | | |
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| Project as of Date: | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| ##### | | R E T R O | | | | | | | | | |
| Status | | | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | Total Actual Hours | |
| | | | | | | | | | | ETC | |
| | | | | | | | | | | Total | |
| | | | | | | | | | | Variance | |
| Process Referral/Action List | | Cmpl | | 02/11/2000 01/10/2000 | | 04/03/2000 01/24/2000 | | SK 72.0 | | 76.0 0.0 | |
| Update Referral Request (SP023) | | Cmpl | | 01/24/2000 01/24/2000 | | 03/15/2000 01/24/2000 | | SK 28.0 | | 28.0 0.0 | |
| Build/Maintain List of Referral/Action Keys (SP109) | | Cmpl | | 01/28/2000 01/28/2000 | | 02/28/2000 01/24/2000 | | SK 50.0 | | 30.0 20.0 | |
| Count Referral/Action Results (SP110) | | Cmpl | | 02/08/2000 02/08/2000 | | 03/05/2000 01/24/2000 | | SK 10.0 | | 10.0 0.0 | |
| Retrieve Referral/Action Details (SP111) | | Cmpl | | 02/09/2000 02/10/2000 | | 03/03/2000 01/24/2000 | | SK 50.0 | | 30.0 20.0 | |
| Applicant Initiated Match (SP026) | | Cmpl | | 02/21/2000 01/10/2000 | | 03/06/2000 01/24/2000 | | BB 72.0 | | 41.0 31.0 | |
| Build 3 Q/A Tasks | | | | | | | | | | | |
| Tech Team Support | | Cmpl | | | | 02/11/2000 03/13/2000 | | GK | | 40.0 40.0 | |
| Obsolete Code/Test Plan Reviews (4 hrs max/week) | | Cmpl | | 02/28/2000 04/07/2000 | | 02/28/2000 04/07/2000 | | GK 24.0 | | 0.0 24.0 | |
| Write Build 3 String Test Plan | | Cmpl | | 04/05/2000 04/05/2000 | | 04/05/2000 04/05/2000 | | SK1 | | 0.0 0.0 | |
| Execute Build 3 String Test Plan | | Cmpl | | 04/11/2000 04/12/2000 | | 04/11/2000 04/12/2000 | | SK1 | | 8.0 8.0 | |
| Build 3 Code/Unit Test | | | | | | | | | | | |
| Search Applicant Registration | | Cmpl | | 02/28/2000 03/17/2000 | | 01/28/2000 03/21/2000 | | GK 64.0 | | 106.0 42.0 | |
| List/Select Applicants | | Cmpl | | 02/28/2000 03/08/2000 | | 01/31/2000 03/14/2000 | | GK 54.0 | | 52.0 2.0 | |
| Build/Maintain List of Applicant Keys (SP014) | | Cmpl | | 03/08/2000 03/17/2000 | | 01/31/2000 03/13/2000 | | GK 50.0 | | 38.0 12.0 | |
| Count Applicant (SP015) | | Cmpl | | 03/20/2000 03/21/2000 | | 01/31/2000 03/13/2000 | | GK 10.0 | | 14.0 4.0 | |

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| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
| Retrieve Applicant Details (SP074) | Cmpl | | 03/21/2000 03/30/2000 | 01/31/2000 03/13/2000 | GK | 50.0 | 10.0 | 0.0 | 10.0 | 40.0 |
| Print Preview Applicant Registration | Cmpl | | 02/28/2000 03/09/2000 | 03/03/2000 03/31/2000 | SK | 54.0 | 54.0 | 0.0 | 54.0 | 0.0 |
| Display Logon Message | Cmpl | | 02/28/2000 03/07/2000 | 03/20/2000 03/31/2000 | TL1 | 46.0 | 20.0 | 0.0 | 20.0 | 26.0 |
| Print Employer Contact | Cmpl | | 03/07/2000 03/16/2000 | 03/28/2000 03/30/2000 | SK | 46.0 | 16.0 | 0.0 | 16.0 | 30.0 |
| Print Corporate Employer | Cmpl | | 03/16/2000 03/24/2000 | 02/28/2000 04/03/2000 | SK1 | 46.0 | 14.0 | 0.0 | 14.0 | 32.0 |
| Search BFS Mirror | Cmpl | | 02/28/2000 03/17/2000 | 01/28/2000 03/10/2000 | TL1 | 64.0 | 58.0 | 0.0 | 58.0 | 6.0 |
| List/Select BFS Mirror Results | Cmpl | | 02/28/2000 03/17/2000 | 01/31/2000 03/21/2000 | TL1 | 72.0 | 88.0 | 0.0 | 88.0 | -16.0 |
| Build/Maintain List of BFS Mirror Keys (SP035) | Cmpl | | 03/13/2000 03/22/2000 | 01/31/2000 03/10/2000 | TL1 | 50.0 | 6.0 | 0.0 | 6.0 | 44.0 |
| Count BFS Mirror/ISM Corp Employer (SP098) | Cmpl | | 03/22/2000 03/23/2000 | 01/28/2000 03/10/2000 | TL1 | 10.0 | 10.0 | 0.0 | 10.0 | 0.0 |
| Retrieve BFS Mirror Details (SP099) | Cmpl | | 03/23/2000 03/31/2000 | 01/31/2000 03/10/2000 | TL1 | 50.0 | 30.0 | 0.0 | 30.0 | 20.0 |
| Print Preview Job Order | Cmpl | | 03/31/2000 03/22/2000 | 03/06/2000 03/31/2000 | SS SK | 0.0 54.0 | 4.0 67.0 | 0.0 0.0 | 4.0 67.0 | -4.0 -13.0 |
| Project Mgmt Tasks - BP Dev T | | | | | | | | | | |
| Project Management & Control | | | | | | | | | | |
| Weekly Status Issues Meetings (2.3 hrs/week) | Cmpl | | 03/01/1999 04/13/2000 | 03/01/1999 04/10/2000 | SJ JM | 62.0 138.0 | 53.0 136.0 | 0.0 0.0 | 53.0 136.0 | 9.0 2.0 |
| | | | | | SS | 151.0 | 175.0 | 0.0 | 175.0 | -24.0 |
| | | | | | CJ | 96.0 | 96.0 | 0.0 | 96.0 | 0.0 |
| | | | | | BP | 165.0 | 125.0 | 0.0 | 125.0 | 40.0 |
| | | | | | YZ | 112.0 | 111.0 | 0.0 | 111.0 | 1.0 |
| | | | | | AF | 100.0 | 89.0 | 0.0 | 89.0 | 11.0 |
| | | | | | MS1 | 100.0 | 134.0 | 0.0 | 134.0 | -34.0 |
| | | | | | RR | 113.0 | 119.0 | 0.0 | 119.0 | -6.0 |

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|---|-------|-----------|----------------------------|--------------------------|---|------------------|---|--|---|---|
| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 2001 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: Project as of Date: | | | | | | | | | | |
| Name | | | | | | | | | | |
| Weekly Status/Issues/Meetings (2-3 hrs./week) | Cmpl | | 10/18/1999 04/13/2000 | 10/18/1999 04/17/2000 | BP VG BV AP JB KD MD SK1 PK BP | | 3.0 32.0 42.0 42.0 56.0 35.0 59.0 3.0 51.0 260.0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 3.0 32.0 42.0 42.0 56.0 35.0 59.0 3.0 51.0 260.0 | -3.0 -32.0 18.0 18.0 -56.0 -35.0 -59.0 -3.0 4.0 -260.0 |
| Maintain Detailed Work Plan | Cmpl | | 06/01/1999 04/13/2000 | 06/01/1999 04/17/2000 | BP | | 525.0 | 0.0 | 525.0 | -525.0 |
| Manage Team | Cmpl | | 06/01/1999 04/13/2000 | 06/01/1999 04/17/2000 | BP | | 197.5 | 0.0 | 197.5 | -197.5 |
| Resolve Variances and Address Problems | Cmpl | | 06/01/1999 04/13/2000 | 06/01/1999 04/17/2000 | BP | | 204.0 | 0.0 | 204.0 | -204.0 |
| Manage Issues and Changes | Cmpl | | 06/01/1999 04/13/2000 | 06/01/1999 04/17/2000 | BP | | 175.0 | 0.0 | 175.0 | -175.0 |
| Manage Acceptance of Deliverables | Cmpl | | 06/01/1999 04/13/2000 | 06/01/1999 04/17/2000 | BP | | 10.0 | 0.0 | 10.0 | -10.0 |
| Write Team Member Expectations | Cmpl | | 06/30/1999 04/01/1999 | 06/30/1999 04/19/1999 | BP | | 0.0 | 0.0 | 0.0 | 297.0 |
| Reserve for BP Development Tasks | Cmpl | | 10/19/1999 10/12/2000 | 10/19/1999 10/12/2000 | BP | | 0.0 | 0.0 | 0.0 | 0.0 |
| Reserve for Dev | Cmpl | | 03/31/2000 03/31/2000 | 03/31/2000 03/31/2000 | BP | | 0.0 | 0.0 | 0.0 | 0.0 |
| Code/Unit Test Startup | | | | | | | | | | |
| Code/Test Orientation & Startup | | | | | | | | | | |
| ISM Orientation | Cmpl | | 08/02/1999 08/13/1999 | 07/02/1999 01/31/2000 | JM SS MS1 YZ | | 24.0 24.0 48.0 59.0 | 0.0 0.0 0.0 0.0 | 24.0 24.0 48.0 59.0 | -24.0 -24.0 -24.0 -35.0 |

| IDES ISM Project | | R E T R O | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
|--------------------------|--|-----------|--|--------|--|----------------------|--|--------------------|--|-------------------------|--|------------|--|--------------------|--|------|--|-------|--|----------|--|
| Name | | ##### | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
| ISM Orientation | | Cmpl | | RR | | 24.0 | | 10/22/1999 | | VG | | 44.0 | | 0.0 | | 44.0 | | -20.0 | | | |
| | | | | AF | | 24.0 | | | | | | 42.0 | | 0.0 | | 42.0 | | -18.0 | | | |
| | | | | SJ | | 0.0 | | | | | | 48.0 | | 0.0 | | 48.0 | | -48.0 | | | |
| | | | | | | | | 01/17/2000 | | BV | | 32.0 | | 0.0 | | 32.0 | | -32.0 | | | |
| | | | | | | | | | | AP | | 45.0 | | 0.0 | | 45.0 | | -45.0 | | | |
| | | | | | | | | | | JB | | 32.0 | | 0.0 | | 32.0 | | -32.0 | | | |
| | | | | | | | | | | KD | | 40.0 | | 0.0 | | 40.0 | | -40.0 | | | |
| | | | | | | | | | | MD | | 26.0 | | 0.0 | | 26.0 | | -26.0 | | | |
| | | | | | | | | | | PK | | 32.0 | | 0.0 | | 32.0 | | -32.0 | | | |
| LC - PK Learning Curve | | Cmpl | | PK | | 70.0 | | 01/31/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 70.0 | | | |
| LC - SS Learning Curve | | Cmpl | | SS | | 50.0 | | 03/14/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 50.0 | | | |
| LC - JM Learning Curve | | Cmpl | | JM | | 30.0 | | 12/06/1999 | | | | 0.0 | | 0.0 | | 0.0 | | 30.0 | | | |
| LC - YZ Learning Curve | | Cmpl | | YZ | | 50.0 | | 12/17/1999 | | | | 0.0 | | 0.0 | | 0.0 | | 24.0 | | | |
| LC - RR Learning Curve | | Cmpl | | RR | | 50.0 | | 10/05/1999 | | | | 26.0 | | 0.0 | | 26.0 | | 24.0 | | | |
| LC-RR Learning Curve - 2 | | Cmpl | | RR | | | | 01/03/2000 | | | | 6.0 | | 0.0 | | 6.0 | | 44.0 | | | |
| | | | | | | | | 12/20/1999 | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | | |
| | | | | | | | | 01/24/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | | | |
| | | | | | | | | 02/04/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 50.0 | | | |
| LC - MS1 Learning Curve | | Cmpl | | MS1 | | 50.0 | | 01/24/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 50.0 | | | |
| LC - SJ Learning Curve | | Cmpl | | SJ | | 70.0 | | 03/01/2000 | | | | 30.0 | | 0.0 | | 30.0 | | 40.0 | | | |
| LC - BP3 Learning Curve | | Cmpl | | BV | | 70.0 | | 10/27/1999 | | | | 0.0 | | 0.0 | | 0.0 | | 70.0 | | | |
| LC - BP4 Learning Curve | | Cmpl | | AP | | 70.0 | | 12/20/1999 | | | | 0.0 | | 0.0 | | 0.0 | | 70.0 | | | |
| LC - BP5 Learning Curve | | Cmpl | | JB | | 70.0 | | 02/28/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 70.0 | | | |
| LC - BP6 Learning Curve | | Cmpl | | KD | | 70.0 | | 03/27/2000 | | | | 0.0 | | 0.0 | | 0.0 | | 70.0 | | | |

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| IDES ISM Project | | ##### | RETO | | | April 2001 15 | | | | | |
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | | Status | | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| LC - BP7 Learning Curve | Cmpl | | | 10/14/1999 11/03/1999 | 01/24/2000 02/04/2000 | MD 70.0 | 0.0 | 0.0 | 0.0 | 70.0 | |
| LC - BP8 Learning Curve | Cmpl | | | | 01/31/2000 03/10/2000 | VG | 0.0 | 0.0 | 0.0 | 0.0 | |
| NonBill Java training | Cmpl | | | 11/08/1999 11/12/1999 | 11/03/1999 11/12/1999 | KD JB | 0.0 | 0.0 | 0.0 | 0.0 | |
| NonBill Java Training | Cmpl | | | 01/03/2000 01/07/2000 | 11/09/1999 11/09/1999 | JB | 0.0 | 0.0 | 0.0 | 0.0 | |
| Code/Unit Test | | | | | | | | | | | |
| Revise System Look and Feel | Cmpl | | | 01/31/2000 02/10/2000 | 03/01/2000 03/15/2000 | MD TL1 | 2.0 | 0.0 | 2.0 | -2.0 | |
| Update Layout, Images, Body color, etc. | | | | | | SS | 4.0 | 0.0 | 4.0 | -4.0 | |
| | | | | | | JM | 4.0 | 0.0 | 4.0 | -4.0 | |
| | | | | | | RR | 8.0 | 0.0 | 8.0 | -8.0 | |
| | | | | | | JB | 8.0 | 0.0 | 8.0 | -8.0 | |
| | | | | | | BP | 0.0 | 0.0 | 0.0 | 0.0 | |
| | | | | | | KD | 4.0 | 0.0 | 4.0 | 64.0 | |
| Address cross-browser issues for new look and feel | Cmpl | | | 01/31/2000 02/10/2000 | 03/27/2000 03/29/2000 | KD | 0.0 | 0.0 | 0.0 | 16.0 | |
| Build 0 | | | | | | | | | | | |
| Unix Utilities for Zip Code formatting | Cmpl | | | 01/24/2000 02/05/2000 | 11/01/1999 03/28/2000 | RR | 44.0 | 0.0 | 44.0 | -24.0 | |
| Insert into Zip Proximity part of BSSM file | Cmpl | | | 01/24/1999 02/07/1999 | 11/01/1999 03/22/1999 | RR | 28.0 | 0.0 | 28.0 | 0.0 | |
| Update Zip Proximity part of BSSM file | Cmpl | | | 01/24/1999 02/07/1999 | 11/05/1999 03/22/1999 | RR | 28.0 | 0.0 | 28.0 | 0.0 | |
| Reserve for RR insert into Zip code (SP078) | Cmpl | | | 01/24/1999 02/07/1999 | 11/22/1999 03/22/1999 | BP | 0.0 | 0.0 | 0.0 | 28.0 | |

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|--|-------|------------|-----------------------|----------------------------|--------------------------|------------------------------|--------------------------|-----|-------|----------|--|
| IDES ISM Project | | April 2001 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | ##### | Status | R E T R O | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| Reserve for RR Update Zip Codes (SP079) | Cmpl | | | 12/07/1999 10/04/1999 | 12/02/1999 11/22/1999 | 28.0 | 0.0 | 0.0 | 0.0 | 28.0 | |
| Extract Zip Codes (Per) | Cmpl | | | 12/07/1999 10/04/1999 | 12/02/1999 10/29/1999 | 8.0 | 26.0 | 0.0 | 26.0 | -18.0 | |
| Match Merge Old New Illinois Zip Codes | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 01/17/2000 | 28.0 | 33.0 | 0.0 | 33.0 | -5.0 | |
| Load/Update/Insert New Illinois & Border Zip Codes | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 10/07/2000 | 28.0 | 44.0 | 0.0 | 44.0 | -16.0 | |
| Reserve for RR Extract Border States Zip Codes | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 01/16/2000 | 8.0 | 0.0 | 0.0 | 0.0 | 8.0 | |
| Match Merge Old New Border Zip Codes | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 11/19/1999 | 28.0 | 25.0 | 0.0 | 25.0 | 3.0 | |
| Reserve for Addl Zip Code Testing | Cmpl | | | 12/07/1999 | 01/31/2000 02/29/2000 | | 0.0 | 0.0 | 0.0 | 0.0 | |
| Reserve-Conversion Extract Reporting | Cmpl | | | 10/04/1999 12/07/1999 | 01/31/2000 02/25/2000 | 100.0 | 0.0 | 0.0 | 0.0 | 100.0 | |
| Extract Job Seeker data (M/F Cobol) | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 12/30/1999 | 100.0 | 108.0 | 0.0 | 108.0 | -8.0 | |
| Mainframe conv extracts - Iterative Modifications | Cmpl | | | 12/07/1999 | 12/30/1999 01/31/2000 | | 3.0 | 0.0 | 3.0 | -3.0 | |
| Mainframe conv extracts - Iterative Modifications | Cmpl | | | | 03/06/2000 03/06/2000 | | 2.0 | 0.0 | 2.0 | -2.0 | |
| Unix COBOL conv pgms - Iterative Modifications | Cmpl | | | | 12/10/1999 04/14/2000 | | 5.0 | 0.0 | 5.0 | -5.0 | |
| Create Job Seeker notes file (M/F Cobol) | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 10/19/1999 | 28.0 | 183.0 | 0.0 | 183.0 | -183.0 | |
| Create User and Job Seeker Loadable files (Cobol) | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 10/19/1999 | 100.0 | 34.0 | 0.0 | 34.0 | -6.0 | |
| Create User and Password loadable file | Cmpl | | | 12/07/1999 | 12/10/1999 11/09/1999 | | 126.5 | 0.0 | 126.5 | -26.5 | |
| Create Job Seeker Skills loadable file (Cobol) | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 11/29/1999 | 100.0 | 26.5 | 0.0 | 26.5 | -26.5 | |
| Create Job Seeker Work Hist loadable file (Cobol) | Cmpl | | | 12/07/1999 10/04/1999 | 12/07/1999 12/27/1999 | 100.0 | 89.5 | 0.0 | 89.5 | 10.5 | |
| Create Job Seeker Work Hist loadable file (Cobol) | Cmpl | | | 12/07/1999 | 12/16/1999 | 22.0 | 23.0 | 0.0 | 23.0 | -1.0 | |

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|--|--------|-----------|----------------------------|--------------------------|---------------------------|-----------------|--------------------------|-----|-------|----------|
| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: Project as of Date: | | | | | | | | | | |
| Name | Status | | Baseline Start / End | Actual Start / End | Assn Baseline Estimate | | Total Actual Hours | ETC | Total | Variance |
| Create Job Seeker Special Pgm's loadable file (Cobol) | Empl | | 12/07/1999 | 01/03/2000 | BV | 22.0 | 18.0 | 0.0 | 18.0 | 4.0 |
| Extract Services file (M/F Cobol) | Empl | | 12/07/1999 | 01/03/2000 | SJ | 152.0 | 50.0 | 0.0 | 50.0 | 102.0 |
| Create Services loadable file (Cobol) | Empl | | 12/07/1999 | 01/03/2000 | VG | 72.0 | 100.0 | 0.0 | 100.0 | -28.0 |
| Reserve for VG-Create Services loadable file | Cmpl | | 12/07/1999 | 01/31/2000 | BP | | 0.0 | 0.0 | 0.0 | 0.0 |
| Extract Title Alias data (Access) | Empl | | 12/07/1999 | 02/25/2000 | MD | 58.0 | 1.0 | 0.0 | 1.0 | 57.0 |
| Reserve for MD-Extract Title Alias data, Skills data | Cmpl | | 12/07/1999 | 01/31/2000 | BP | | 0.0 | 0.0 | 0.0 | 0.0 |
| Extract Hier Skills data from Paradox | Empl | | 12/07/1999 | 02/18/2000 | MD | 8.0 | 8.0 | 0.0 | 8.0 | 0.0 |
| Create Hier Hier Skill Skill Request loadable files (Access) | Empl | | 12/07/1999 | 01/17/2000 | MD | 58.0 | 40.0 | 0.0 | 40.0 | 18.0 |
| Create Occup Skill loadable file (Access) | Empl | | 12/07/1999 | 02/15/2000 | MD | 58.0 | 38.0 | 0.0 | 38.0 | 20.0 |
| Create Desc loadable file (Access) | Empl | | 12/07/1999 | 01/17/2000 | MD | 58.0 | 7.0 | 0.0 | 7.0 | 51.0 |
| Skills Conversion - Iterative Modifications | Cmpl | | 12/07/1999 | 11/29/1999 | MD | | 20.0 | 0.0 | 20.0 | -20.0 |
| Conversion Table Loads - Iterative Modifications | Cmpl | | 12/07/1999 | 02/07/2000 | BV | | 6.0 | 0.0 | 6.0 | -6.0 |
| Reserve-Gains from the various loads | Cmpl | | 12/07/1999 | 04/03/2000 | BP | | 0.0 | 0.0 | 0.0 | 0.0 |
| Load Hier table | Empl | | 12/07/1999 | 02/08/2000 | SJ | 8.0 | 7.0 | 0.0 | 7.0 | 1.0 |
| Load Hier Skill table | Empl | | 12/07/1999 | 01/17/2000 | SJ | 8.0 | 3.0 | 0.0 | 3.0 | 5.0 |
| Load Occup Skill table | Empl | | 12/07/1999 | 02/03/2000 | SJ | 8.0 | 3.0 | 0.0 | 3.0 | 5.0 |
| Load Desc table | Empl | | 12/07/1999 | 02/03/2000 | SJ | 8.0 | 3.0 | 0.0 | 3.0 | 5.0 |

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| IDES ISM Project | | April 2001 | | | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| ##### | | R E T R O | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | |
| | | | | | | | | | | | |
| Load User Load in Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load User History Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load Conv_SkillKeyword | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load US Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load US Skill Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load US Work Hist Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load US Spec Form Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load US Status Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load US Services and Code Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Load Zip Code Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | RR | |
| Load Zip Code Proximity | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | RR | |
| Load US Ribbon Table | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | SJ | |
| Move to system Support Manual Load Code Tables | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | AF | |
| Move to system Create Conversion Weekend Sched | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | AF | |
| Update Conversion docs (Approach, mappings) | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | AF | |
| Build 0 Q/A Reviews | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | AF | |
| Lead Analyst Reviews | | Cmpl | | 12/07/1999 | | 12/07/1999 | | 12/07/1999 | | AF | |
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| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2001 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | | | | | | | | | | | |
| Support/Conversion/Developers/Orient/etc) | Cmpl | | 12/06/1999 10/18/1999 12/07/1999 | 01/06/2000 11/01/1999 01/06/2000 | AF | 20.0 | | 60.0 | 0.0 | 60.0 | -40.0 |
| Build 0 String Testing | | | | | | | | | | | |
| Prepare Unix Environment | Cmpl | | 10/04/1999 12/07/1999 | 11/25/1999 12/20/1999 | AF | 40.0 | | 40.0 | 0.0 | 40.0 | 0.0 |
| Execute Build 0 String Test | Cmpl | | 10/04/1999 12/07/1999 | 11/25/1999 12/20/1999 | BV | | | 40.0 | 0.0 | 40.0 | -40.0 |
| Milestone - End of Build 0 | Cmpl | | 01/03/2000 | 01/31/2000 | AF | 80.0 | | 138.0 | 0.0 | 138.0 | -58.0 |
| Code/Unit Test | | | | | | | | | | | |
| Build 1 | | | | | | | | | | | |
| Maintain Hierarchy Detail | Cmpl | | 10/08/1999 01/20/2000 10/18/1999 | 10/18/1999 02/09/2000 12/20/1999 | JM | 78.0 | | 157.0 | 0.0 | 157.0 | -79.0 |
| Valid Text String (SP002) | Cmpl | | 10/18/1999 01/20/2000 | 12/20/1999 05/20/2000 | JM | 28.0 | | 20.0 | 0.0 | 20.0 | 8.0 |
| Add/Update Hierarchy Item (SP003) | Cmpl | | 10/18/1999 01/20/2000 | 10/22/1999 01/12/2000 | JM | 28.0 | | 39.0 | 0.0 | 39.0 | -11.0 |
| Include In SP003 Update Hierarchy Item (SP039) | Cmpl | | 10/18/1999 01/20/2000 | 11/23/1999 10/22/1999 | JM | 28.0 | | 16.0 | 0.0 | 16.0 | 12.0 |
| Current Timestamp (SP053) | Cmpl | | 10/18/1999 01/20/2000 | 11/23/1999 10/22/1999 | JM | 10.0 | | 10.0 | 0.0 | 10.0 | 0.0 |
| Valid Text String (SP002) | Cmpl | | | 03/16/2000 | SS | | | 4.0 | 0.0 | 4.0 | -4.0 |
| Similar Items | Cmpl | | | 03/20/2000 | SS | | | 11.0 | 0.0 | 11.0 | -11.0 |
| Edit/Associated Skills | Cmpl | | 10/18/1999 01/20/2000 | 10/29/1999 02/04/2000 | SS | 64.0 | | 206.0 | 0.0 | 206.0 | -142.0 |

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| IDES ISM Project | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 15 | Total Actual Hours | ETC | Total | Variance |
|---|--------|-----------|--|--------------------------|--|--------------------------|--|-------------------------|----|------------------|--------------------|-----|-------|----------|
| Name | Status | ##### | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | | Total Actual Hours | ETC | Total | Variance |
| Perf Updat Skill Assoc & Rank (SP088) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | SS | | 30.0 | 0.0 | 30.0 | -2.0 |
| Include in SP088 Update Skill Rankings (SP089) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | SS | | 26.0 | 0.0 | 26.0 | 2.0 |
| Delete Skill Association (SP090) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | SS | | 28.0 | 0.0 | 28.0 | 0.0 |
| Maintain Skill | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 46.0 | JM | | 53.0 | 0.0 | 53.0 | -7.0 |
| Add/Update Skill (SP040) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | JM | | 11.0 | 0.0 | 11.0 | 17.0 |
| Include in SP040 Update Skill (SP041) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | JM | | 0.0 | 0.0 | 0.0 | 28.0 |
| Add/Update Description Record (SP050) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | JM | | 43.0 | 0.0 | 43.0 | -15.0 |
| Include in SP051 Update Description Record (SP052) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | JM | | 12.0 | 0.0 | 12.0 | 16.0 |
| Search Hierarchy | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 64.0 | YZ | | 156.0 | 0.0 | 156.0 | -92.0 |
| List/Select Hierarchy Item | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 74.0 | YZ | | 193.0 | 0.0 | 193.0 | -119.0 |
| Hierarchy Item Keys (SP081) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | YZ | | 32.0 | 0.0 | 32.0 | -4.0 |
| Hierarchy Item Count (SP082) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | YZ | | 34.0 | 0.0 | 34.0 | -6.0 |
| Hierarchy Item List (SP083) | Cmpl | | | 10/18/1999 01/20/2000 | | 10/18/1999 01/20/2000 | | 28.0 | YZ | | 32.0 | 0.0 | 32.0 | -4.0 |
| Assist other Developers with Search/List architecture | Cmpl | | | 10/18/1999 01/20/2000 | | 12/03/1999 12/03/1999 | | | YZ | | 5.0 | 0.0 | 5.0 | -5.0 |
| Search Skill | Cmpl | | | 10/18/1999 01/20/2000 | | 12/03/1999 03/31/2000 | | 64.0 | RR | | 74.0 | 0.0 | 74.0 | -10.0 |
| List/Select Skill | Cmpl | | | 10/18/1999 01/20/2000 | | 12/03/1999 03/31/2000 | | 74.0 | RR | | 109.0 | 0.0 | 109.0 | -35.0 |
| Select Skill Keys (SP084) | Cmpl | | | 10/18/1999 01/20/2000 | | 12/03/1999 03/31/2000 | | 28.0 | RR | | 36.0 | 0.0 | 36.0 | -8.0 |

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|--|--------|-----------|----------------------------|--------------------------|------|----------------------|-----------------|--------------------------|-----|-------|----------|
| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 200 15 | Total Actual Hours | ETC | Total | Variance |
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | Status | | | | | | | | | | |
| Select Skill County (SP035) | Cmpl | | 10/10/1999 | 12/10/1999 | RR | 28.0 | | 28.0 | 0.0 | 28.0 | 0.0 |
| Select Skill Unit (SP036) | Cmpl | | 10/10/1999 | 02/07/2000 | RR | 28.0 | | 37.0 | 0.0 | 37.0 | -9.0 |
| Request Communication (SP039) | Cmpl | | 10/10/1999 | 02/07/2000 | VG | 50.0 | | 85.0 | 0.0 | 85.0 | -35.0 |
| Notification-Job Seeker Referral (SP067) | Cmpl | | 10/10/1999 | 02/03/2000 | VG | 56.0 | | 88.0 | 0.0 | 88.0 | -32.0 |
| Notification-Job Seeker Referral | Cmpl | | 10/10/1999 | 02/03/2000 | MS1 | | | 11.0 | 0.0 | 11.0 | -11.0 |
| Notification-Job Seeker Match (SP070) | Cmpl | | 10/27/1999 | 10/27/1999 | MS1 | 56.0 | | 73.0 | 0.0 | 73.0 | -17.0 |
| Common Message Merge-Building | Cmpl | | 11/11/1999 | 02/11/2000 | SS | 40.0 | | 49.0 | 0.0 | 49.0 | -9.0 |
| Common Message Mail Messages | Cmpl | | 10/10/1999 | 01/05/2000 | MS1 | 100.0 | | 202.5 | 0.0 | 202.5 | -102.5 |
| Build 1 Q/A Reviews | | | | | | | | | | | |
| Lead Analyst Reviews | Cmpl | | 10/18/1999 | 10/18/1999 | SS | 40.0 | | 44.0 | 0.0 | 44.0 | -4.0 |
| Build 1 String Testing | | | | | | | | | | | |
| Plan Build String Test | Cmpl | | 10/18/1999 | 10/03/1999 | SS | 40.0 | | 28.0 | 0.0 | 28.0 | 12.0 |
| Execute Build String Test/SysTest Build | Cmpl | | 10/10/1999 | 02/03/2000 | SS | 80.0 | | 32.0 | 0.0 | 32.0 | 48.0 |
| Milestone - End of Build 1 | Cmpl | | | | | | | | | | |
| Reserve for SS-Execute B1 String Test | Cmpl | | 01/07/2000 | 02/07/2000 | BP | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Code/Unit Test | | | | | | | | | | | |
| Build 2 | | | | | | | | | | | |
| Display Hierarchy List (moved to B1) | Cmpl | | 12/06/1999 | 11/05/1999 | JB | 64.0 | | 227.5 | 0.0 | 227.5 | -163.5 |

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| Name | | Status | RETO | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
|--|--|--------|------|----------------------------|--------------------------|------|----------------------|------------------|--------------------------|-----|-------|----------|
| IDES ISM Project | | ##### | | | | | | | | | | |
| Today's Date: | | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | |
| Obsolete-Reserve for BV-Replace Job Seeker Skills | | Smpl | | 03/30/2000 12/06/1999 | 02/09/2000 03/03/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Obsolete-Reserve for BV-Replace Job Order Skills | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Obsolete-Reserve for BV-Update/Replace Skills | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Obsolete-Reserve for BV-Insert/Remove Labels Skills | | Smpl | | 03/30/2000 12/06/1999 | 02/15/2000 02/19/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Obsolete-Reserve for BV-Search/Replace Hierarchy | | Smpl | | 03/30/2000 12/06/1999 | 02/11/2000 02/17/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Obsolete-Reserve for BV-Clear/Remove Labels Skills | | Smpl | | 03/30/2000 12/06/1999 | 02/15/2000 02/22/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Skill Search & Replace | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | BV | 28.0 | | 60.0 | 0.0 | 60.0 | -32.0 |
| Reserve for BV-Skill Search & Replace | | Cmpl | | | 03/06/2000 03/23/2000 | BP | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Obsolete-Reserve for BV-Skill Search & Replace | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | BV | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Search ISM Users | | Smpl | | 03/30/2000 12/06/1999 | 02/03/1999 02/24/2000 | MD | 64.0 | | 159.0 | 0.0 | 159.0 | -95.0 |
| List/Select ISM Users | | Smpl | | 03/30/2000 12/06/1999 | 02/24/2000 03/03/2000 | MD | 74.0 | | 79.0 | 0.0 | 79.0 | -5.0 |
| Search ISM Users (SP007) | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | MD | 28.0 | | 32.0 | 0.0 | 32.0 | -4.0 |
| Count ISM Users (SP008) | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | MD | 28.0 | | 32.0 | 0.0 | 32.0 | -4.0 |
| List Summary for ISM Users (SP009) | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | MD | 28.0 | | 24.0 | 0.0 | 24.0 | 4.0 |
| Maintain Users | | Smpl | | 03/30/2000 12/06/1999 | 02/02/2000 02/10/1999 | KD | 64.0 | | 171.0 | 0.0 | 171.0 | -107.0 |
| Retrieve User Data (SP012) | | Smpl | | 03/30/2000 12/06/1999 | 02/29/2000 03/03/2000 | KD | 28.0 | | 30.0 | 0.0 | 30.0 | -2.0 |
| Obsolete-Reserve for KD-Insert/Update User Login (SP013) | | Smpl | | 03/30/2000 12/06/1999 | 03/03/2000 03/10/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |

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| IDES ISM Project | | R E T R O | | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
|--|--|-----------|--|----------------------------|--------------------------|------|----------------------|------------------|--------------------------|-----|-------|----------|
| Today's Date: Project as of Date: | | ##### | | Status | | | | | | | | |
| Name | | | | | | | | | | | | |
| Obsolete-Reserve for KD-Insert/Update User History (SP066) | | Cmpl | | 03/30/2000 12/06/1999 | 03/09/2000 02/25/2000 | BP | 28.0 | | 0.0 | 0.0 | 0.0 | 28.0 |
| Insert/Update Staff (SP065) | | Cmpl | | 03/30/2000 12/06/1999 | 03/09/2000 01/17/2000 | KD | 28.0 | | 28.0 | 0.0 | 28.0 | 0.0 |
| Insert/Delete User Rights (SP064) | | Cmpl | | 03/30/2000 12/06/1999 | 03/09/2000 01/17/2000 | KD | 28.0 | | 28.0 | 0.0 | 28.0 | 0.0 |
| Notification-Registration Processed (SP066) | | Cmpl | | 03/08/2000 03/17/2000 | 02/11/2000 02/28/2000 | SS | 56.0 | | 24.0 | 0.0 | 24.0 | 32.0 |
| Notification-Employer Referral (SP068) | | Cmpl | | 11/22/1999 12/06/1999 | 11/05/1999 02/21/2000 | AP | 56.0 | | 125.0 | 0.0 | 125.0 | -69.0 |
| Notification-Employer Match (SP069) | | Cmpl | | 03/08/2000 03/17/2000 | 01/28/2000 02/28/2000 | BV | 56.0 | | 92.5 | 0.0 | 92.5 | -36.5 |
| Create PMS File | | Cmpl | | 12/06/1999 03/30/2000 | 12/06/1999 01/12/2000 | AP | 100.0 | | 108.0 | 0.0 | 108.0 | -8.0 |
| Obsolete-Reserve for YZ-Update CTT ID Mode | | Cmpl | | 12/06/1999 03/30/2000 | 12/06/1999 01/12/2000 | BP | 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |
| Obsolete-Reserve for YZ-Update CTT ID Mode | | Cmpl | | 12/06/1999 03/30/2000 | 01/20/2000 01/21/2000 | BP | 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |
| Obsolete-Reserve for YZ-Update CTT ID Mode | | Cmpl | | 12/06/1999 03/30/2000 | 01/22/2000 01/25/2000 | BP | 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |
| Create BFS Correspondence File | | Cmpl | | 12/06/1999 03/30/2000 | 01/12/2000 02/26/2000 | YZ | 100.0 | | 153.0 | 0.0 | 153.0 | -53.0 |
| Load BFS Correspondence File into BFS | | Cmpl | | 12/06/1999 03/30/2000 | 01/12/2000 02/26/2000 | SJ | 58.0 | | 58.0 | 0.0 | 58.0 | 0.0 |
| Update BFS Correspondence Files (iss 388) | | Cmpl | | 03/30/2000 | 02/21/2000 03/01/2000 | SJ | | | 16.0 | 0.0 | 16.0 | -16.0 |
| Common Message Merge Build 2 | | Cmpl | | 12/06/1999 03/30/2000 | 01/21/2000 02/16/2000 | SS | 112.0 | | 104.0 | 0.0 | 104.0 | 8.0 |
| Flat File Template Load Program (Java) | | Cmpl | | 12/06/1999 03/30/2000 | 02/06/1999 03/06/2000 | YZ | 28.0 | | 52.0 | 0.0 | 52.0 | -24.0 |
| Notification Case Manager Referral | | Cmpl | | 03/08/2000 03/15/2000 | 01/21/2000 02/29/2000 | KD | 56.0 | | 68.0 | 0.0 | 68.0 | -12.0 |
| Ongoing ENDS Mapping | | Cmpl | | 03/15/2000 | 01/06/2000 | PK | | | 24.5 | 0.0 | 24.5 | -24.5 |

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| IDES ISM Project | | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
|---|--|-------|-----------------------|----------------------------|--------------------------|------|----------------------|------------------|--------------------------|-----|-------|----------|
| Today's Date: Project as of Date: | | | | | | | | | | | | |
| Name | | | | | | | | | | | | |
| Create ENDS Application File | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 12/09/1999 | PK | 152.0 | | 210.0 | 0.0 | 210.0 | -58.0 |
| Create ENDS Order File | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/07/2000 | AP | 152.0 | | 160.0 | 0.0 | 160.0 | -8.0 |
| Create ENDS Referral File | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/26/2000 | BV | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Create ENDS Referral File | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 03/10/2000 | VG | 152.0 | | 18.0 | 0.0 | 18.0 | 134.0 |
| Create ENDS Referral File | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 03/08/2000 | BV | 152.0 | | 113.0 | 0.0 | 113.0 | -113.0 |
| Create ENDS Service File | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 03/31/2000 | PK | 152.0 | | 160.0 | 0.0 | 160.0 | -8.0 |
| Create ENDS Characteristics File (Services) | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 02/25/2000 | PK | | | 35.0 | 0.0 | 35.0 | -35.0 |
| Create ENDS Annual 020 Record file | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 03/01/2000 | PK | | | 25.0 | 0.0 | 25.0 | -25.0 |
| ENDS Applicant Conversion (one time run) | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 03/06/2000 | PK | | | 7.0 | 0.0 | 7.0 | -7.0 |
| Process Welfare Records (Iss 20) | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/07/2000 | JB | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Process Welfare Records (Iss 20) | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 02/25/2000 | SJ | 100.0 | | 10.0 | 0.0 | 10.0 | 90.0 |
| Initial Load Welfare History Table | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 04/10/2000 | SS | | | 4.0 | 0.0 | 4.0 | -4.0 |
| Initial Load Welfare History Table | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 04/10/2000 | BV | | | 47.0 | 0.0 | 47.0 | -47.0 |
| Initial Load Welfare History Table | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/29/2000 | JB | 0.0 | | 0.0 | 0.0 | 0.0 | 0.0 |
| Initial Load Welfare History Table | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 02/25/2000 | SJ | 8.0 | | 0.0 | 0.0 | 0.0 | 8.0 |
| Initial Load Welfare History Table | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 03/10/2000 | BV | | | 4.0 | 0.0 | 4.0 | -4.0 |
| Create Employee File (BFS Mirror) | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/19/1999 | SJ | 58.0 | | 54.0 | 0.0 | 54.0 | 4.0 |
| Process Wage Records in ISM | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/07/2000 | MS1 | 100.0 | | 101.0 | 0.0 | 101.0 | -1.0 |
| Extract Wage Records from WIS | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 02/21/2000 | MS1 | 58.0 | | 80.0 | 0.0 | 80.0 | -22.0 |
| Process New Hire Registry | | Cmpl | | 12/03/1999 03/30/2000 | 03/27/2000 01/26/1999 | SJ | 100.0 | | 97.0 | 0.0 | 97.0 | 3.0 |
| Obsolete-Reserve for BV-Update Claimant History R | | Cmpl | | 12/06/1999 | 02/04/2000 | BP | 10.0 | | 0.0 | 0.0 | 0.0 | 10.0 |

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| IDES ISM Project | | April 2001 15 | | | | | | | | | |
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | ##### Status | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | | |
| Obsolete-Reserve for BV-Insert Claimant History Rec Cmpl | Cmpl | | 03/30/2000 12/06/1999 03/30/2000 | 02/07/2000 02/04/2000 02/07/2000 | BP BP BP | 0.0 0.0 0.0 | 0.0 | 0.0 | 10.0 | | |
| Update Claimant History | Cmpl | | 03/30/2000 12/06/1999 03/30/2000 | 02/07/2000 02/04/2000 02/07/2000 | BV BV BV | 61.0 61.0 61.0 | 61.0 | 61.0 | 39.0 | | |
| Reserve for BV-Update Claimant History | Cmpl | | 03/30/2000 12/06/1999 03/30/2000 | 02/07/2000 02/04/2000 02/07/2000 | BP BP BP | 0.0 0.0 0.0 | 0.0 | 0.0 | 0.0 | | |
| Initial Load of Claimant History Table | Cmpl | | 03/30/2000 12/06/1999 03/30/2000 | 02/07/2000 02/04/2000 02/07/2000 | BV BV BV | 4.0 4.0 4.0 | 4.0 | 4.0 | 4.0 | | |
| Build 2 Q/A Reviews | | | | | | | | | | | |
| Functional Analyst Reviews | Cmpl | | 12/06/1999 02/25/2000 | 12/06/1999 03/06/2000 | MS1 MS1 | 46.0 11.0 | 46.0 | 46.0 | -6.0 | | |
| Build 2 String Testing | | | | | | | | | | | |
| Plan Build 2 String Test | Cmpl | | 12/06/1999 03/30/2000 | 02/27/2000 04/18/2000 | MS1 MS1 | 11.0 0.0 | 11.0 | 11.0 | 29.0 | | |
| Reserve for MS1 - B2 String test planning | Cmpl | | 12/06/1999 03/30/2000 | 03/06/2000 03/10/2000 | BP BP | 0.0 0.0 | 0.0 | 0.0 | 0.0 | | |
| Export Build 2 String Test | Cmpl | | 12/06/1999 03/30/2000 | 02/18/2000 03/27/2000 | MD MS1 | 0.0 119.0 | 0.0 | 0.0 | 80.0 -39.0 | | |
| Milestone - End of Build 2 | Cmpl | | 02/25/2000 | 03/24/2000 | | | | | | | |
| Code/Unit Test | | | | | | | | | | | |
| Build 3 | | | | | | | | | | | |
| Maintain Applicant Registration Status | Cmpl | | 01/24/2000 04/05/2000 | 02/28/2000 03/07/2000 | JB SS | 92.5 59.0 | 92.5 | 92.5 | -34.5 -31.0 | | |
| Generate Skills Selection Sheet | Cmpl | | 01/24/2000 04/05/2000 | 03/10/2000 03/28/2000 | SS JB | 181.0 15.0 | 0.0 | 181.0 | -77.0 | | |
| List Employee Services and Communications | Cmpl | | 01/25/1999 04/05/1999 | 07/12/2000 03/03/2000 | JB JB | 15.0 | 0.0 | 15.0 | 13.0 | | |
| Retrieve Services/Communications Count (SP043) | Cmpl | | 01/25/1999 04/05/1999 | 07/12/2000 02/22/2000 | JB JB | 15.0 | 0.0 | 15.0 | 13.0 | | |

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| IDES ISM Project | | April 2005 | | | | | | | | | | | | | | | | | | | |
| Today's Date: | | | | | | | | | | | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | | | | | | | | | | |
| Name | | Status | | RET | | Base Start / End | | Actual Start / End | | Assn | | Baseline Estimate | | Total Actual Hours | | ETC | | Total | | Variance | |
| Retrieve Services/Communications Information (SP001) | | ##### | | | | 01/25/1999 | | 01/25/1999 | | JB | | 28.0 | | 18.0 | | 0.0 | | 18.0 | | 10.0 | |
| Retrieve Services/Communications List of Keys (SP002) | | ##### | | | | 04/05/1999 | | 02/22/2000 | | JB | | 28.0 | | 18.0 | | 0.0 | | 18.0 | | 10.0 | |
| Reserve for JB-SPROC hours for ASSP02 | | Cmpl | | | | 01/25/1999 | | 01/14/2000 | | | | | | | | | | | | | |
| Skill Picker Clone | | Cmpl | | | | 04/05/1999 | | 02/03/2000 | | BP | | | | 0.0 | | 0.0 | | 0.0 | | 0.0 | |
| | | | | | | | | 02/01/2000 | | SS | | | | 17.0 | | 0.0 | | 17.0 | | -17.0 | |
| | | | | | | | | 02/08/2000 | | | | | | | | | | | | | |
| | | | | | | | | 03/15/2000 | | | | | | | | | | | | | |
| | | | | | | | | 03/28/2000 | | | | | | | | | | | | | |
| Maintain Employer Service (SP003) | | ##### | | | | 01/24/2000 | | 01/25/2000 | | RR | | 64.0 | | 71.0 | | 0.0 | | 71.0 | | -7.0 | |
| | | | | | | 04/05/2000 | | 03/14/2000 | | RR | | 10.0 | | 10.0 | | 0.0 | | 10.0 | | 0.0 | |
| Retrieve Employer Service Record (SP050) | | ##### | | | | 01/24/2000 | | 02/03/2000 | | RR | | 10.0 | | 18.0 | | 0.0 | | 18.0 | | -8.0 | |
| | | | | | | 04/05/2000 | | 02/23/2000 | | RR | | 10.0 | | 12.0 | | 0.0 | | 12.0 | | -2.0 | |
| Update/delete Employer Service (SP042) | | ##### | | | | 01/24/2000 | | 03/03/2000 | | RR | | 10.0 | | 0.0 | | 0.0 | | 0.0 | | 10.0 | |
| | | | | | | 04/05/2000 | | 02/23/2000 | | RR | | 8.0 | | 8.0 | | 0.0 | | 8.0 | | -8.0 | |
| Retrieve Employer Service Record | | Cmpl | | | | 01/24/2000 | | 02/22/2000 | | RR | | 64.0 | | 77.0 | | 0.0 | | 77.0 | | -13.0 | |
| | | | | | | 04/05/2000 | | 03/03/2000 | | SS | | 104.0 | | 78.0 | | 0.0 | | 78.0 | | 26.0 | |
| List Applicant Services and Communications | | ##### | | | | 01/24/2000 | | 03/27/2000 | | SS | | 28.0 | | 5.0 | | 0.0 | | 5.0 | | 23.0 | |
| Retrieve Applicant Services Count (SP054) | | ##### | | | | 04/05/2000 | | 03/10/2000 | | SS | | 28.0 | | 13.0 | | 0.0 | | 13.0 | | 15.0 | |
| | | | | | | 01/24/2000 | | 03/13/2000 | | SS | | 28.0 | | 8.0 | | 0.0 | | 8.0 | | 20.0 | |
| Retrieve Applicant Services List of Keys (SP055) | | ##### | | | | 04/05/2000 | | 02/13/2000 | | SS | | 64.0 | | 53.0 | | 0.0 | | 53.0 | | 11.0 | |
| | | | | | | 01/24/2000 | | 04/03/2000 | | JM | | 10.0 | | 6.0 | | 0.0 | | 6.0 | | 4.0 | |
| Retrieve Applicant Services Information (SP056) | | ##### | | | | 04/05/2000 | | 03/28/2000 | | JM | | | | | | | | | | | |
| | | | | | | 01/24/2000 | | 01/23/2000 | | | | | | | | | | | | | |
| Maintain Applicant Service (SP006) | | ##### | | | | 04/05/2000 | | 03/28/2000 | | | | | | | | | | | | | |
| | | | | | | 01/24/2000 | | 01/23/2000 | | | | | | | | | | | | | |
| Insert Applicant Service (SP006) | | ##### | | | | 04/05/2000 | | 03/28/2000 | | | | | | | | | | | | | |

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| IDES ISM Project | | April 2005 | | 15 | | | | | | | |
| Today's Date: | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | |
| Name | ##### | RETRO | Actual Start / End | Baseline Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | | |
| Retrieve Applicant Service Record | Cmpl | | 03/27/2000 | 03/28/2000 | JM | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Included in SP006 to create Applicant Service (SP003) | Cmpl | | 03/27/2000 | 03/28/2000 | JM | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Update/Delete Applicant Service (SP057) | Cmpl | | 03/27/2000 | 03/28/2000 | JM | 2.0 | 0.0 | 2.0 | 8.0 | | |
| Retrieve Applicant Service Record (SP058) | Cmpl | | 03/27/2000 | 03/28/2000 | JM | 6.0 | 0.0 | 6.0 | 4.0 | | |
| Add Applicant Service | Cmpl | | 03/27/2000 | 03/28/2000 | JM | 47.0 | 0.0 | 47.0 | 17.0 | | |
| Change Password | Cmpl | | 03/27/2000 | 03/28/2000 | TL1 | 72.0 | 0.0 | 72.0 | -26.0 | | |
| Obsolete/Recreate/Zip/Unzip/Deletion/Zip/Deletion | Cmpl | | 03/27/2000 | 03/28/2000 | RR | 0.0 | 0.0 | 0.0 | 28.0 | | |
| Obsolete/Recreate/Zip/Deletion/Zip/Deletion (SP0) | Cmpl | | 03/27/2000 | 03/28/2000 | BP | 0.0 | 0.0 | 0.0 | 28.0 | | |
| Accept Vendor Profile | Cmpl | | 03/27/2000 | 03/28/2000 | RR | 11.0 | 0.0 | 11.0 | -3.0 | | |
| Password and User Profile/Zip/Deletion | Cmpl | | 03/27/2000 | 03/28/2000 | RR | 14.0 | 0.0 | 14.0 | -6.0 | | |
| Backup Old/New Illinois Zipfiles | Cmpl | | 03/27/2000 | 03/28/2000 | RR | 11.0 | 0.0 | 11.0 | -7.0 | | |
| Backup Old/New Border Zipfiles | Cmpl | | 03/27/2000 | 03/28/2000 | RR | 8.0 | 0.0 | 8.0 | -4.0 | | |
| Find Local Office | Cmpl | | 03/27/2000 | 03/28/2000 | MS1 | 58.0 | 0.0 | 58.0 | 6.0 | | |
| Find Local Office (SP100) | Cmpl | | 03/27/2000 | 03/28/2000 | MS1 | 28.0 | 0.0 | 28.0 | 0.0 | | |
| Edit Locon Message Text | Cmpl | | 03/27/2000 | 03/28/2000 | KD | 53.0 | 0.0 | 53.0 | -7.0 | | |
| Create/Update Locon Message Text (SP102) | Cmpl | | 03/27/2000 | 03/28/2000 | KD | 28.0 | 0.0 | 28.0 | 0.0 | | |
| Common Reporting Interface | Cmpl | | 03/27/2000 | 03/28/2000 | YZ | 38.0 | 0.0 | 38.0 | 62.0 | | |

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| IDES ISM Project | ##### | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | April 2005 15 | Total Actual Hours | ETC | Total | Variance |
| Mini-String test Common Rpt (korn, FTP, m/f JCL, pr) | Cmpl | | | | | | 19.0 | 0.0 | 19.0 | -19.0 |
| Insert/Update Job Order Status (SP024) | Cmpl | | 01/24/2000 | 03/23/2000 | YZ | | 10.0 | 0.0 | 10.0 | 18.0 |
| Duplicate-Reserve on PK Delete Qualified Candidates | Cmpl | | 01/24/2000 | 03/27/2000 | BB | 28.0 | 0.0 | 0.0 | 0.0 | 28.0 |
| Maintain Job Order Status | Cmpl | | 01/24/2000 | 03/10/2000 | BP | 28.0 | 0.0 | 0.0 | 0.0 | 28.0 |
| Duplicate-BSSMZ10P-Update Referral Results (SP1) | Cmpl | | 01/24/2000 | 03/27/2000 | PK | 58.0 | 85.0 | 0.0 | 85.0 | -27.0 |
| Maintain Referral Results | Cmpl | | 01/24/2000 | 03/21/2000 | BP | 50.0 | 0.0 | 0.0 | 0.0 | 50.0 |
| Daily Activity Report | Cmpl | | 01/24/2000 | 03/10/2000 | YZ | 58.0 | 58.0 | 0.0 | 58.0 | 0.0 |
| Daily Result Report | Cmpl | | 01/24/2000 | 03/27/2000 | JB | 152.0 | 89.0 | 0.0 | 89.0 | 63.0 |
| Potential Issues Report | Cmpl | | 01/24/2000 | 04/10/2000 | SJ | 58.0 | 62.0 | 0.0 | 62.0 | -4.0 |
| Employee Activity Report | Cmpl | | 01/24/2000 | 03/27/2000 | SJ | 58.0 | 53.0 | 0.0 | 53.0 | 5.0 |
| Manual Communications Report (ISS 574) | Cmpl | | 01/24/2000 | 03/27/2000 | SJ | 100.0 | 108.0 | 0.0 | 108.0 | -8.0 |
| New/Changed Job Orders Report (Issue 227) | Cmpl | | 01/24/2000 | 03/27/2000 | SJ | 58.0 | 50.0 | 0.0 | 50.0 | 8.0 |
| Future Report | Cmpl | | 01/24/2000 | 03/27/2000 | SJ | 28.0 | 40.0 | 0.0 | 40.0 | -12.0 |
| Maintain Report Parameter Table program | Cmpl | | 01/24/2000 | 03/27/2000 | SJ | 0.0 | 22.0 | 0.0 | 22.0 | -22.0 |
| Build 3 Q/A Reviews | Cmpl | | 01/24/2000 | 03/27/2000 | AP | 152.0 | 98.5 | 0.0 | 98.5 | 53.5 |
| Functional Analyst Reviews | Cmpl | | 01/24/2000 | 03/27/2000 | SJ | 58.0 | 46.0 | 0.0 | 46.0 | 12.0 |
| Build 3 String Testing | Cmpl | | 01/24/2000 | 03/27/2000 | PK | 40.0 | 31.0 | 0.0 | 31.0 | 9.0 |
| Plan Build String Test | Cmpl | | 01/24/2000 | 03/27/2000 | PK | 40.0 | 8.0 | 0.0 | 8.0 | 32.0 |

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| IDES ISM Project | | ##### | R E T R O | | | | April 2005 | | | | |
| Today's Date: Project as of Date: | | Status | | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Name | | | | | | | | | | | |
| Execute Build & Support Test | | Cmpl | | 04/05/2000 04/13/2000 04/10/2000 | 04/05/2000 04/13/2000 04/10/2000 | JM KD PK | 80.0 0.0 80.0 | 27.0 31.0 80.5 | 0.0 0.0 0.0 | 27.0 31.0 80.5 | 53.0 -31.0 -0.5 |
| Milestone - End of Build 3 | | Cmpl | | 04/05/1999 | 04/13/2000 | | | | | | |
| Development Tech Support | | | | | | | | | | | |
| Tech Analysts Online (4 hrs/week) | | Cmpl | | 10/18/1999 04/05/2000 | 10/18/1999 03/31/2000 | JM | 96.0 | 143.0 | 0.0 | 143.0 | -47.0 |
| Tech Analysts Batch (4 hrs/week) | | Cmpl | | 10/18/1999 04/05/2000 | 10/18/1999 04/03/2000 | BV | 96.0 | 43.0 | 0.0 | 43.0 | 53.0 |
| Infrastructure Support | | Cmpl | | | 01/31/2000 | BB1 | | 195.5 | 0.0 | 195.5 | -195.5 |
| Appl Infrastructure Support (Code reviews, Issues, et | | Cmpl | | | 03/31/2000 | | | 95.0 | 0.0 | 95.0 | -95.0 |
| Bless B2 components (prepare & bless) | | Cmpl | | | 02/11/2000 | JM | | | | | |
| Bless B3 components (prepare & bless) | | Cmpl | | | 03/31/2000 | KT | | 3.0 | 0.0 | 3.0 | -3.0 |
| Milestone - Arch Complete | | Cmpl | | | 03/27/2000 | KD | | 97.0 | 0.0 | 97.0 | -97.0 |
| | | | | | 03/27/2000 | KD | | 40.0 | 0.0 | 40.0 | -40.0 |
| | | | | | 04/10/2000 | | | | | | |
| | | | | 04/05/2000 | 03/31/2000 | | | | | | |
| Project Mgmt Tasks - Testing T | | | | | | | | | | | |
| Project Management | | | | | | | | | | | |
| Manage Turnover from Dev to Testing | | Cmpl | | 04/17/2000 04/28/2000 | 04/14/2000 05/01/2000 | BP | 75.0 | 70.0 | 0.0 | 70.0 | 5.0 |
| Manage Testing Team | | Cmpl | | 11/01/1999 07/31/2000 | 10/01/1999 07/07/2000 | MZ | 320.0 | 305.0 | 0.0 | 305.0 | 15.0 |
| Weekly Issues Status etc. | | Cmpl | | 11/01/1999 07/31/2000 | 07/09/1999 07/07/2000 | ET AL MZ | 150.0 0.0 150.0 | 18.0 22.5 144.5 | 0.0 0.0 0.0 | 18.0 22.5 144.5 | 132.0 -22.5 5.5 |

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| IDES ISM Project | | April 2001 | | | | | | | | | |
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| Project as of Date: | | | | | | | | | | | |
| Name | ##### | Status | R E T R O | Baseline Start / End | Actual Start / End | Assn | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Weekly Issues, Status, etc. - Test Exec | Cmpl | | | 03/01/2000 07/31/2000 | 01/17/2000 07/03/2000 | AF MJW YD SS1 SJ | 0.0 84.0 84.0 0.0 0.0 | 65.0 81.0 6.0 15.0 8.0 | 0.0 0.0 0.0 0.0 0.0 | 65.0 81.0 6.0 15.0 8.0 | -65.0 3.0 78.0 -15.0 -8.0 |
| Weekly Issues, Status, etc. - Test Fix | Cmpl | | | 02/21/2000 06/30/2000 | 02/21/2000 07/10/2000 | AS JM SK1 BB KT BB1 MS1 YZ JB DA GK KD MD CJ TL1 SS MZ | 50.0 30.0 15.0 30.0 15.0 42.0 42.0 15.0 30.0 15.0 42.0 42.0 15.0 0.0 0.0 0.0 24.0 | 47.0 30.0 5.0 21.0 0.0 12.0 73.0 13.0 26.0 31.0 0.0 20.0 10.0 36.0 16.0 66.0 24.0 | 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 | 47.0 30.0 5.0 21.0 0.0 12.0 73.0 13.0 26.0 31.0 0.0 20.0 10.0 36.0 16.0 66.0 24.0 | 3.0 0.0 10.0 9.0 15.0 30.0 -31.0 2.0 4.0 -16.0 42.0 22.0 5.0 -36.0 -16.0 -66.0 0.0 |
| Reserve for Testing | Cmpl | | | 07/02/1999 07/31/2000 | 07/02/1999 07/31/2000 | | | | | | |
| Reserve in Testing | Cmpl | | | 03/14/2000 03/14/2000 | 03/14/2000 03/14/2000 | TL | 225.0 | 0.0 | 0.0 | 0.0 | 225.0 |
| Manager Testing Team Plan | Cmpl | | | 08/30/1999 07/31/2000 | 10/18/1999 06/30/2000 | MZ | 190.0 | 94.0 | 0.0 | 94.0 | 96.0 |
| System Test Planning & Execu | | | | | | | | | | | |
| MUR-Bein System Test Planning | Cmpl | | | 09/01/1999 | 10/01/1999 | MZ | | | | | |
| Start ST Subphase | Cmpl | | | 09/01/1999 | 09/01/1999 | AL | 0.0 | 62.5 | 0.0 | 62.5 | -62.5 |

| IDES ISM Project | | Status | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
|--|--|--------|-------|-----------|--|----------------------|------------|--------------------|------------|-------------------------|-------|------------|-----|--------------------|-------|-----|-------|-------|--|----------|--|
| Name | | Status | | R E T R O | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
| Develop Testing Approach - reserve | | Cmpl | ##### | | | 10/01/1999 | 11/08/1999 | 10/01/1999 | 11/08/1999 | MZ | 120.0 | 57.5 | 0.0 | 57.5 | 62.5 | 0.0 | 57.5 | 62.5 | | | |
| Develop String Testing Guidelines - reserve | | Cmpl | | | | 11/08/1999 | 11/08/1999 | 11/08/1999 | 11/08/1999 | MZ | 8.0 | 8.0 | 0.0 | 8.0 | 0.0 | 0.0 | 8.0 | 0.0 | | | |
| Develop Defect Tracking Database and Procedures | | Cmpl | | | | 12/08/1999 | 12/09/1999 | 12/08/1999 | 12/09/1999 | MZ | 8.0 | 8.0 | 0.0 | 8.0 | 0.0 | 0.0 | 8.0 | 0.0 | | | |
| Refine Testing Project Plan | | Cmpl | | | | 01/13/2000 | 01/25/2000 | 01/13/2000 | 01/25/2000 | MJW | 16.0 | 16.0 | 0.0 | 16.0 | 0.0 | 0.0 | 16.0 | 0.0 | | | |
| New Team Member orientation/startup | | Cmpl | | | | 10/04/1999 | 10/04/1999 | 10/04/1999 | 10/04/1999 | MZ | 80.0 | 66.5 | 0.0 | 66.5 | 13.5 | 0.0 | 66.5 | 13.5 | | | |
| System Test Planning | | Cmpl | | | | 10/29/1999 | 03/31/2000 | 10/29/1999 | 03/31/2000 | MJW | 0.0 | 12.0 | 0.0 | 12.0 | -12.0 | 0.0 | 12.0 | -12.0 | | | |
| Develop System Test Calendar | | Cmpl | | | | 01/10/2000 | 01/10/2000 | 01/10/2000 | 01/10/2000 | MJW | 40.0 | 40.0 | 0.0 | 40.0 | 0.0 | 0.0 | 40.0 | 0.0 | | | |
| Develop System Test Conditions/Issues/Inputs/Outputs | | Cmpl | | | | 01/14/2000 | 01/17/2000 | 01/14/2000 | 01/17/2000 | YD | 40.0 | 40.0 | 0.0 | 40.0 | 0.0 | 0.0 | 40.0 | 0.0 | | | |
| Document System Flow | | Cmpl | | | | 10/04/1999 | 11/08/1999 | 10/04/1999 | 11/08/1999 | MZ | 40.0 | 30.0 | 0.0 | 30.0 | 10.0 | 0.0 | 30.0 | 10.0 | | | |
| Develop System Test Schedule | | Cmpl | | | | 10/29/1999 | 01/10/2000 | 10/29/1999 | 01/10/2000 | MZ | 207.0 | 207.0 | 0.0 | 207.0 | 0.0 | 0.0 | 207.0 | 0.0 | | | |
| System Test Environment created | | Cmpl | | | | 10/29/1999 | 01/10/2000 | 10/29/1999 | 01/10/2000 | AL | 363.5 | 372.5 | 0.0 | 372.5 | -9.0 | 0.0 | 372.5 | -9.0 | | | |
| System Test BU/Rec Procedures created | | Cmpl | | | | 10/29/1999 | 01/10/2000 | 10/29/1999 | 01/10/2000 | AF | 8.0 | 8.0 | 0.0 | 8.0 | 0.0 | 0.0 | 8.0 | 0.0 | | | |
| Design/Plan Test Data | | Cmpl | | | | 10/29/1999 | 01/10/2000 | 10/29/1999 | 01/10/2000 | YD | 152.0 | 152.0 | 0.0 | 152.0 | 0.0 | 0.0 | 152.0 | 0.0 | | | |
| Test Data Loaded by Conv&Tech Team | | Cmpl | | | | 10/29/1999 | 01/10/2000 | 10/29/1999 | 01/10/2000 | MJW | 194.0 | 194.0 | 0.0 | 194.0 | 0.0 | 0.0 | 194.0 | 0.0 | | | |
| PVCS / Migration Procedures | | Cmpl | | | | 02/10/2000 | 02/25/2000 | 02/10/2000 | 02/25/2000 | AL | 28.0 | 28.0 | 0.0 | 28.0 | 12.0 | 0.0 | 28.0 | 12.0 | | | |
| | | Cmpl | | | | 02/10/2000 | 02/25/2000 | 02/10/2000 | 02/25/2000 | MZ | 10.0 | 10.0 | 0.0 | 10.0 | 30.0 | 0.0 | 10.0 | 30.0 | | | |
| | | Cmpl | | | | 02/10/2000 | 02/25/2000 | 02/10/2000 | 02/25/2000 | MZ | 24.0 | 24.0 | 0.0 | 24.0 | 56.0 | 0.0 | 24.0 | 56.0 | | | |
| | | Cmpl | | | | 02/10/2000 | 02/25/2000 | 02/10/2000 | 02/25/2000 | MC | 48.0 | 48.0 | 0.0 | 48.0 | 32.0 | 0.0 | 48.0 | 32.0 | | | |
| | | Cmpl | | | | 02/10/2000 | 02/25/2000 | 02/10/2000 | 02/25/2000 | MC | 100.0 | 69.0 | 0.0 | 69.0 | 31.0 | 0.0 | 69.0 | 31.0 | | | |
| | | Cmpl | | | | 02/10/2000 | 02/25/2000 | 02/10/2000 | 02/25/2000 | AL | 47.0 | 41.0 | 0.0 | 41.0 | 6.0 | 0.0 | 41.0 | 6.0 | | | |
| | | Cmpl | | | | 11/19/1999 | 04/17/2000 | 11/19/1999 | 04/24/2000 | MZ | 5.0 | 5.0 | 0.0 | 5.0 | 0.0 | 0.0 | 5.0 | 0.0 | | | |
| | | Cmpl | | | | 02/25/2000 | | 02/25/2000 | | BB1 | | | | | | | | | | | |
| | | Cmpl | | | | 02/25/2000 | | 02/25/2000 | | AB | | | | | | | | | | | |
| | | Cmpl | | | | 11/19/1999 | | 11/19/1999 | | MZ | | | | | | | | | | | |
| | | Cmpl | | | | 04/17/2000 | | 04/24/2000 | | BK | | | | | | | | | | | |

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| IDES ISM Project | | April 2000 15 | | | | | | | |
| Today's Date: Project as of Date: | | | | | | | | | |
| Name | | Status | | R E T R O | | Baseline Start / End | | Actual Start / End | |
| | | ##### | | | | | | Assn: Baseline Estimate | |
| | | | | | | | | Total Actual Hours | |
| | | | | | | | | ETC | |
| | | | | | | | | Total | |
| | | | | | | | | Variance | |
| Issues Research (Enter key behavior)-reserve | | Cmpl | | | | 01/19/2000 01/21/2000 | | 01/19/2000 01/21/2000 | |
| String Test Support | | | | | | | | | |
| Execute String Test | | Cmpl | | | | 03/27/2000 MJW 04/07/2000 | | 25.0 | |
| System Test Execution | | | | | | | | 0.0 | |
| MUR-Begin System Test Execution | | Cmpl | | | | 03/01/2000 | | 40.0 | |
| Support Test Execution | | Cmpl | | | | 01/17/2000 | | 0.0 | |
| Support System Test Execution | | Cmpl | | | | 04/24/2000 MZ 06/05/2000 | | 6.0 | |
| Execute System Test Build 1 | | Cmpl | | | | 01/24/2000 MZ 05/26/2000 | | 5.0 | |
| Execute System Test Build 2 | | Cmpl | | | | 01/24/2000 MJW 04/17/2000 | | 10.0 | |
| Execute System Test Build 3 | | Cmpl | | | | 04/07/2000 MJW 05/12/2000 | | 25.0 | |
| Support Conversion/Stored Procs thru System Test | | Cmpl | | | | 01/17/2000 AF 05/19/2000 | | 85.0 | |
| Re-Testing | | Cmpl | | | | 06/05/2000 AL | | 36.0 | |
| | | | | | | | | 103.0 | |
| | | | | | | | | 115.0 | |
| | | | | | | | | 20.0 | |
| | | | | | | | | 74.0 | |
| | | | | | | | | 0.0 | |
| | | | | | | | | 120.0 | |
| | | | | | | | | 49.0 | |
| | | | | | | | | 49.0 | |
| | | | | | | | | 78.0 | |
| | | | | | | | | 47.0 | |
| | | | | | | | | 6.0 | |
| | | | | | | | | 94.0 | |
| | | | | | | | | 195.0 | |
| | | | | | | | | 0.0 | |
| | | | | | | | | 0.0 | |

| IDES ISM Project | | R E T R O | | Status | | Baseline Start / End | | Actual Start / End | | Assn | | Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
|--------------------------------------|--|-----------|--|--------|--|----------------------|--|--------------------|--|------|--|-------------------|--|------------|--|--------------------|--|-----|--|-------|--|----------|--|
| Name | | ##### | | Status | | Baseline Start / End | | Actual Start / End | | Assn | | Baseline Estimate | | April 2001 | | Total Actual Hours | | ETC | | Total | | Variance | |
| Today's Date: | | | | | | | | | | | | | | | | | | | | | | | |
| Project as of Date: | | | | | | | | | | | | | | | | | | | | | | | |
| Fix System Test Problems | | | | | | | | | | | | | | | | | | | | | | | |
| Document existing processes | | Cmpl | | | | | | | | | | | | | | | | | | | | | |
| Support Debugging | | Cmpl | | | | | | | | | | | | | | | | | | | | | |
| Support Mainframe JCL/Batch Schedule | | Cmpl | | | | | | | | | | | | | | | | | | | | | |
| Support Migrations | | Cmpl | | | | | | | | | | | | | | | | | | | | | |
| Manage System Test Fix Team | | Cmpl | | | | | | | | | | | | | | | | | | | | | |
| Fix System Test Errors (detail) | | Cmpl | | | | | | | | | | | | | | | | | | | | | |
| Performance Testing | | | | | | | | | | | | | | | | | | | | | | | |

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| IDES ISM Project | | ##### | R E T R O | | | | April 2005 15 | | | | |
| Today's Date: Project as of Date: | | Status | | Baseline Start / End | Actual Start / End | Assn: | Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Assist Tech team with Performance Test Planning | | Cmpl | | 04/03/2000 04/14/2000 | 04/03/2000 05/30/2000 | SS | 74.0 | 113.0 | 0.0 | 113.0 | -39.0 |
| Prepare for Perf Test Execution (Develop scripts, etc) | | Cmpl | | 04/14/2000 05/12/2000 | 04/14/2000 05/22/2000 | SS JB | 50.0 108.0 | 53.0 165.0 | 0.0 0.0 | 53.0 165.0 | -3.0 -57.0 |
| Support/Execute Performance Test | | Cmpl | | 04/17/2000 05/19/2000 | 05/08/2000 06/16/2000 | TL1 TL1 | 132.0 95.0 | 134.0 88.0 | 0.0 0.0 | 134.0 88.0 | -2.0 7.0 |
| Conclude ST Subphase | | Cmpl | | 06/30/2000 | 05/26/2000 | MZ | | | | | |
| User Acceptance Testing (AT) | | | | | | | | | | | |
| Start AT Phase | | Cmpl | | 04/03/2000 | 04/24/2000 | MZ | | | | | |
| Plan Acceptance Test | | Cmpl | | 11/01/1999 11/29/1999 | 04/24/2000 05/19/2000 | MZ | 24.0 | 0.0 | 0.0 | 0.0 | 24.0 |
| Document Acceptance Criteria | | Cmpl | | 04/03/2000 | 05/01/2000 | MZ | 80.0 | 32.0 | 0.0 | 32.0 | 48.0 |
| Support User Team for Creating AT Cases/Condition | | Cmpl | | 06/15/2000 | 06/12/2000 | MZ | 20.0 | 8.0 | 0.0 | 8.0 | 12.0 |
| Create AT Calendar | | Cmpl | | 05/01/2000 | 05/01/2000 | MZ | 24.0 | 12.0 | 0.0 | 12.0 | 12.0 |
| Create/Maintain AT Schedule | | Cmpl | | 05/15/2000 06/15/2000 | 06/16/2000 06/26/2000 | MZ | | | | | |
| Conduct Acceptance Test | | | | | | | | | | | |
| MUR: Begin Acceptance Test Execution | | Cmpl | | 07/03/2000 | 06/12/2000 | MZ | | | | | |
| Support Users for Executing Acceptance Test | | Cmpl | | 07/03/2000 07/28/2000 | 05/30/2000 06/26/2000 | MZ | 40.0 | 20.0 | 0.0 | 20.0 | 20.0 |
| Support Acceptance Test | | Cmpl | | | 06/12/2000 06/16/2000 | YZ KT | | 29.0 28.0 | 0.0 0.0 | 29.0 28.0 | -29.0 -28.0 |

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|--|-------|------------|--------|----------------------------|--------------------------|---|---|-----|---|---|--|
| IDES ISM Project | | April 2005 | | 15 | | | | | | | |
| Today's Date: Project as of Date: | | | | | | | | | | | |
| Name | ##### | RETRO | Status | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance | |
| Support/Acceptance Test | Cmpl | | | 07/03/2000 07/28/2000 | 05/30/2000 07/10/2000 | AF MZ MS1 KD GK SS1 MJW | 15.0 75.0 32.0 0.0 126.0 85.5 0.0 | 0.0 | 15.0 75.0 32.0 0.0 126.0 85.5 0.0 | -15.0 -35.0 -32.0 0.0 -126.0 -25.5 60.0 | |
| Conclude AT Subphase | Cmpl | | | 07/03/2000 07/28/2000 | 05/30/2000 06/26/2000 | | | | | | |
| MJR Complete/Acceptance Test Execution | Cmpl | | | 07/28/2000 | 07/07/2000 | MZ | | | | | |
| Deployment (DEP) Project Plan | Cmpl | | | 04/03/2000 | 04/03/2000 | AS | | | | | |
| Start DEP Subphase | Cmpl | | | 04/10/2000 08/31/2000 | 04/07/2000 08/31/2000 | AS | 198.0 | 0.0 | 198.0 | 42.0 | |
| Manage Deployment | Cmpl | | | 04/10/2000 08/31/2000 | 04/10/2000 08/31/2000 | AS | 120.0 | 0.0 | 120.0 | 0.0 | |
| Manage Deployment Team & Plan | Cmpl | | | 03/14/2000 03/14/2000 | 06/30/2000 06/30/2000 | TL | 0.0 | 0.0 | 0.0 | 150.0 | |
| Resolve Deployment Issues | Cmpl | | | 05/01/2000 08/31/2000 | 05/01/2000 08/31/2000 | AS | 63.0 | 0.0 | 63.0 | 157.0 | |
| Reserve in Deploy plan | Cmpl | | | 06/05/2000 06/30/2000 | 06/05/2000 07/03/2000 | SJ | 160.0 | 0.0 | 160.0 | 0.0 | |
| Plan/Implement Deployment | Cmpl | | | 06/05/2000 06/30/2000 | 06/05/2000 07/10/2000 | BB | 170.0 | 0.0 | 170.0 | -10.0 | |
| Develop/Implement Deployment Plan | Cmpl | | | 06/05/2000 06/30/2000 | 06/05/2000 07/10/2000 | | | | | | |
| Support Deployment | Cmpl | | | 06/05/2000 06/30/2000 | 06/05/2000 07/10/2000 | | | | | | |
| Support Deployment | Cmpl | | | 06/05/2000 06/30/2000 | 06/05/2000 07/10/2000 | | | | | | |

Production Support (PS)

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| IDES ISM Project | | April 2001 | | | | | | | |
|---|--------|------------|----------------------|--------------------|-------------------------|--------------------|---------|---------|----------|
| Today's Date: | | 15 | | | | | | | |
| Project as of Date: | | | | | | | | | |
| Name | Status | R E T R O | Baseline Start / End | Actual Start / End | Assn: Baseline Estimate | Total Actual Hours | ETC | Total | Variance |
| Begin Production Support | Cmpl | ##### | 08/07/2000 | 07/13/2000 | TL AS | | | | |
| Support Production System | | | | | | | | | |
| Pilot Sun/UNIX/Netscape Support | Cmpl | | 07/13/2000 | 07/13/2000 | DH | 82.0 | 0.0 | 82.0 | 68.0 |
| Pilot Database Support | Cmpl | | 08/02/2000 | 08/02/2000 | AF | 121.5 | 0.0 | 121.5 | 28.5 |
| Pilot Application Support | Cmpl | | 08/02/2000 | 08/02/2000 | BB | 148.0 | 0.0 | 148.0 | 2.0 |
| Pilot Application Support | Cmpl | | 07/13/2000 | 08/07/2000 | MS1 | 150.0 | 0.0 | 150.0 | 0.0 |
| Routine Hardware/Software Monitoring | | | | | | | | | |
| Sun/UNIX/Netscape Support | Strt | | | 03/26/2001 | TS | 8.0 | 0.0 | 8.0 | -8.0 |
| Sun/UNIX/Netscape Support | Strt | | 08/03/2000 | 04/02/2001 | DH | 1,058.0 | 1,447.5 | 2,505.5 | 1,008.5 |
| Monitoring System Performance and Status | Strt | | 04/15/2002 | 04/15/2002 | DH | 46.0 | 130.5 | 176.5 | -176.5 |
| Monitoring System Performance and Status | Strt | | | 01/12/2001 | AF | 13.0 | 87.0 | 100.0 | -100.0 |
| Tracking and Prioritizing system related issues | Strt | | | 04/15/2002 | AF | 152.0 | 48.0 | 200.0 | -200.0 |
| Web/Application Servers-SW/HW Upgrades | Strt | | | 01/15/2001 | DH | 6.0 | 194.0 | 200.0 | -200.0 |
| Routine DBMS maintenance functions | | | | | | | | | |
| Database Production Support | Strt | | | 03/26/2001 | TS | 9.0 | 0.0 | 9.0 | -9.0 |
| Database Production Support | Strt | | | 04/02/2001 | RC | 26.0 | 0.0 | 26.0 | -26.0 |
| Database Production Support | Strt | | 08/03/2000 | 04/02/2001 | AF | 1,223.0 | 1,406.0 | 2,629.0 | 885.0 |
| Database Production Support | Strt | | 04/15/2002 | 04/15/2002 | | | | | |

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|--|--|----------|--|--------------------------|--|--------------------------|--|-------------------------|--|--------------------|--|
| IDES ISM Project | | ##### | | R E T R O | | April 2001 15 | | | | | |
| Today's Date: | | Status | | Baseline Start / End | | Actual Start / End | | Assn: Baseline Estimate | | Total Actual Hours | |
| Project as of Date: | | Not Sirt | | | | | | | | ETC | |
| Name | | | | | | | | | | Total | |
| Database Servers-SW/HW upgrades | | | | | | | | | | Variance | |
| Correcting reported application problems | | | | | | | | | | | |
| Fixing Application problems | | Cmpl | | | | | | | | | |
| Fixing Application problems | | Sirt | | 08/03/2000 04/15/2002 | | 03/19/2001 06/18/2002 | | AF | | 0.0 | |
| Fixing Application problems | | Cmpl | | | | | | | | 300.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 0.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 512.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 0.0 | |
| Fixing Application problems | | Cmpl | | | | | | | | 0.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 512.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 0.0 | |
| Fixing Application problems | | Cmpl | | | | | | | | 0.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 0.0 | |
| Fixing Application problems | | Sirt | | | | | | | | 0.0 | |
| Fixing Application problems | | Cmpl | | | | | | | | 0.0 | |
| Supporting batch prod'n environ | | Sirt | | | | | | | | 0.0 | |
| Support Batch Production Environment | | | | | | | | | | 0.0 | |
| Create Operations Documentation | | Sirt | | | | | | | | 0.0 | |
| Create database ops doc | | Sirt | | | | | | | | 0.0 | |
| Create App Servers ops doc | | Not Sirt | | | | | | | | 0.0 | |
| Create web servers ops doc | | Not Sirt | | | | | | | | 0.0 | |
| Create dev/app support ops doc | | Sirt | | | | | | | | 0.0 | |
| Create interfaces/cosbatch ops doc | | Sirt | | | | | | | | 0.0 | |
| Create infrastructure ops doc | | Sirt | | | | | | | | 0.0 | |

[illegible]